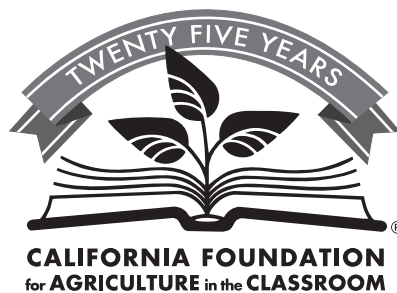


# Teacher Resource Guide 2011–2012

A Guide to Educational Materials  
About Agriculture



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Sacramento, CA 95833-3293

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Fax: (916) 561-5697

E-mail: [info@learnaboutag.org](mailto:info@learnaboutag.org)

Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## **Publisher**

California Foundation for Agriculture in the Classroom (CFAITC)

## **Editors**

Renee Hyatt  
Jenna Swenson

## **with assistance from**

CFAITC's Resource Review Committee, which includes agriculturalists, educators, technical experts, CFAITC staff, and other interested individuals who encourage the agricultural literacy of today's youth.

*The California Foundation for Agriculture in the Classroom, a not-for-profit 501(c)(3) organization, provides educators with low cost and free materials, training, and information to promote student understanding of California agriculture.*

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# How to Use This Book

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**How can I connect my students to the world around them?**

**How can I make my lessons meaningful to my students?**

**How can I make my lessons fun and exciting?**

## **Use lessons that relate to AGRICULTURE!**

Materials for teaching about agriculture are plentiful. The 2011-2012 *Teacher Resource Guide* provides you with a variety of resources to use with your students. Take a look inside. We are certain you will find an abundance of useful resources!

The *Teacher Resource Guide* is divided into four sections:

**Section 1: California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials**

Provides information about conferences, teacher programs, newsletters, and lesson plans provided by California Foundation for Agriculture in the Classroom (CFAITC).

**Section 2: Educational Resources About Agriculture**

Lists resources from various entities on specific topics and commodities. Contact these organizations regarding the resources listed, or ask representatives specific questions about their subject matter.

**Section 3: Additional Agricultural Facts and Information**

Includes county agricultural information, field trip ideas, phone numbers, a reproducible California agriculture quiz, and more!

**Section 4: Agriculture–Related Books and Websites**

Includes an annotated book list and a guide to agricultural websites.

### **Visit Us Online**

Visit [www.LearnAboutAg.org/trg](http://www.LearnAboutAg.org/trg) to download all of CFAITC's materials and to search for resources, books, grants, and websites.

As always, California Foundation for Agriculture in the Classroom (CFAITC) likes to hear from individuals who use our resources. An evaluation form and a resource recommendation page are located at the back of this guide. Please complete and return these forms to help make the next edition of the *Teacher Resource Guide* better than ever! These pages also include an order form for the next edition of the *Teacher Resource Guide*. We look forward to sending you the next edition!

**Thank you for your interest in educating others about agriculture!**

# Section 1

## **California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials**



California Foundation for  
Agriculture in the Classroom

CFAITC Introduction  
CFAITC Programs  
CFAITC Instructional Materials  
CFAITC Instructional Materials Order Form



# An Introduction to California Foundation for Agriculture in the Classroom

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## **What is Agriculture in the Classroom (AITC)?**

Agriculture in the Classroom is designed to help kindergarten through twelfth grade students acquire the knowledge necessary to become agriculturally literate. Through various programs and resources, educators are encouraged to incorporate agriculture into their subjects and lessons, and to point out the important role it plays in our economy, society, and daily lives. Agriculture in the Classroom relies on the cooperation of representative farm and agricultural organizations, educators, the California Department of Food and Agriculture, the California Department of Education, California Department of Public Health, and the United States Department of Agriculture. Agriculture in the Classroom programs are currently functioning in every state and in many U.S. Territories.

## **What is California Foundation for Agriculture in the Classroom (CFAITC)?**

California Foundation for Agriculture in the Classroom (CFAITC) is a 501(c)(3) not-for-profit organization that provides educators with quality free and low cost materials, training, and information to promote student understanding of California agriculture.

## **Why is it important to teach my students about agriculture?**

Although less than two percent of our nation's population is directly involved in agriculture production, a healthy agricultural industry is vital to all of us, every day. Agriculture provides the basic necessities of food, clothing, and shelter, yet many of us take for granted the availability of these items. As residents of the most agriculturally productive state in the nation, we believe students should have a basic understanding of agriculture's important economic impact in California, the United States, and the world.

## **Do other teachers use CFAITC?**

Educators at all levels, from classroom teachers to administrators, utilize and support CFAITC in both rural and urban areas. In fact, CFAITC is now represented in 40 percent of California's schools.

## **How do I get started?**

Numerous resources about agriculture are available to you at no cost. Start a small resource kit by ordering materials in this *Teacher Resource Guide*. Try some CFAITC lesson plans and order posters to inspire your students. Sign up to receive *Cream of the Crop*, CFAITC's e-newsletter for educators. Have your students research one aspect of agriculture and enter CFAITC's *Imagine this... Story Writing Contest*. Contact the Foundation or your local county Farm Bureau for educational materials and programs in your area. Visit our website at [www.LearnAboutAg.org](http://www.LearnAboutAg.org) to learn more about us!

## **Where can I go for additional help?**

Talk with an AITC Ambassador at your school. This person receives materials from the Foundation on a regular basis. Contact CFAITC if you do not know who the ambassadors are at your school or if you would like to become a CFAITC Ambassador at your school. Consider attending the annual CFAITC Conference and watch for announcements of upcoming events in our *Cream of the Crop* e-newsletter for educators. Sign up to receive our e-newsletter at [www.LearnAboutAg.org/cotc](http://www.LearnAboutAg.org/cotc).

# CFAITC Programs

## Teacher Programs

AITC Ambassador Network  
 Conference for Educators  
 County Agricultural Seminars  
 Literacy for Life Teaching Awards  
 University Student Teacher Program

## Student Programs

*Imagine this...* Story Writing Contest  
 Support of County Farm Bureaus for Local Programs  
 Kids' Corner Website ([kids.learnaboutag.org](http://kids.learnaboutag.org))

## Classroom Resource Materials

CFAITC Website ([www.LearnAboutAg.org](http://www.LearnAboutAg.org))  
*Cream of the Crop* E-newsletter  
*Teacher Resource Guide*  
*What's Growin' On?* Student Newspaper  
 Lesson Plans and Curriculum  
 Agricultural Fact and Activity Sheets

For More Information Contact:

California Foundation for Agriculture in the Classroom  
 2300 River Plaza Drive, Sacramento, CA 95833-3293  
 (916) 561-5625 ☎ (800) 700-AITC (2482)  
 Fax: (916) 561-5697  
 E-mail: [info@learnaboutag.org](mailto:info@learnaboutag.org)  
 Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

Name \_\_\_\_\_

Please send materials to my:  Home  School

School Name \_\_\_\_\_

School Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

School Phone \_\_\_\_\_

School District \_\_\_\_\_

County \_\_\_\_\_

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

E-mail \_\_\_\_\_

- Place me on the AITC Ambassador mailing list.  
 Send me an *Imagine this...* Story Writing Contest brochure.  
 Enroll me in the monthly educator e-newsletter, *Cream of the Crop*.  
 Update my contact information as completed here.

### I teach:

- K  1  2  3  4  
 5  6  7  8  9  
 10  11  12  13  14  
 15  16  
 After school  Home school

### Subjects:

- Math  Resource Teacher  Special Ed  
 Science  Social Studies  Language Arts  
 Fine Arts  Foreign Language  Vocational  
 Nutrition  Multiple Subject



# Imagine This...

## Challenge Students in Grades 3–8

Enter student essays into the *Imagine this...* Story Writing Contest, a statewide program of the California Foundation for Agriculture in the Classroom.

## Meet Standards

The *Imagine this...* Story Writing Contest is a great way to meet California Academic Content Standards including Writing Strategies 1.0 and Writing Applications 2.0.



**Contest Deadline:**  
November 1, annually

More information about the contest and entry details are available at [www.Learn.About.Ag.org/imaginethis](http://www.Learn.About.Ag.org/imaginethis).

## Prizes include:

- A \$100 savings bond for state winning students
- An expense-paid trip to Sacramento for teacher, student, and 2 family members to attend awards ceremony
- Free classroom resources for teachers
- An engraved plaque
- Age-appropriate book about agriculture

State winning students will have their story illustrated by high school art students and published by California Foundation for Agriculture in the Classroom.



## California Country TV Schedule

california COUNTRY		
KIXE/9	Redding	Mon. 6:00 p.m.
KVPT/18	Fresno	Mon. 7:00 p.m. & Sat. 12:30 p.m.
KXTV/10	Sacramento	Fri. 11:30 a.m.
KSBW/8	Salinas	Fri. 12:30 p.m.
KGTV/10	San Diego	Fri. 3:00 p.m.
KUVI/45	Bakersfield	Sat. 5:30 a.m. & Sat. 6:00 a.m.
KFTY/50	Santa Rosa	Sat. 3:00 p.m.
KSBY/6	San Luis Obispo	Sun. 5:00 a.m.
KYMA/11	El Centro/Imperial	Sun. 5:00 p.m.
RFD-TV		Fri. 6:00 p.m., Sat. 4:00 a.m., & Sun. 8:00 a.m.

**A FARM BUREAU PRODUCTION**

**California Country** is Farm Bureau's award-winning weekly television program. It features stories about the people who make California the envy of the world for food production. In a fun, educational approach, viewers learn about all aspects of food, fiber, and flowers, from the farm to the dinner table.

**California Country** is seen on about 200 stations across the state and nationwide via satellite.

For information about the TV program, station listings, the latest programs, and recipes, check out the **California Country** website at [www.californiacountry.org](http://www.californiacountry.org) or contact the California Farm Bureau Federation's Communications/News Division at (916) 561-5570 or send an e-mail to [tsellers@californiacountry.org](mailto:tsellers@californiacountry.org)

# CFAITC Instructional Materials

## Subject Matter Matrix

	Grade Level	Science	Mathematics	Reading/Language Arts	History/Social Science	Health/Nutrition	Visual/Performing Arts
Ag Bites	K-12	•	•	•	•	•	•
A Garden Plot: The Tale of Peter Rabbit	K-1	•		•			
WE Garden	1-6	•	•	•		•	
Red Imported Fire Ants: Facts About These Interesting Insects	2-3	•	•	•	•		
Simple and Complex Machines in Agriculture	2-5	•	•	•			•
Edible Numbers	3-6	•	•			•	•
That Was Then, This Is Now	3-6		•	•			
<i>Imagine this...</i> Stories Inspired by Agriculture	3-8			•			•
Kids' Corner Website	3-8	•	•	•		•	
What's Growin' On?	3-8	•	•	•	•	•	•
Science Fair and Lesson Ideas	3-12	•					
CROP Circles	4-6		•				
Fruits and Vegetables for Health	4-6	•	•	•	•	•	
Milk Matters: Discovering Dairy	4-6	•	•	•	•	•	•
Presidential Turkey Activity Guide	4-6	•	•	•	•	•	
What's Bugging You?	4-6	•	•	•	•		•
A "Sour" Subject	5-6	•	•	•			
Food Safety: From Farm to Fork	5-7	•	•	•		•	
Where'd You Get Those Genes?	5-7	•	•	•	•		•
Agricultural Fact and Activity Sheets	6-12	•		•	•	•	
From Genes to Jeans	7-9	•		•			•
Agricultural Awareness Through Poetry	9-10			•			
An Ag Interview	9-10			•	•		
Biotechnology in the Field	9-12	•					

# CFAITC Instructional Materials

California Foundation for Agriculture in the Classroom's (CFAITC) lesson plans and units have been written, field-tested, and reviewed by educators. Cooperative learning, individual and group problem solving, and critical thinking activities encourage students to learn about California agriculture while developing skills in science, mathematics, reading-language arts, history-social science, health and nutrition, and the visual and performing arts.

Each unit can be downloaded from CFAITC's website ([www.LearnAboutAg.org](http://www.LearnAboutAg.org)). Teacher Resource CDs include PDFs of all lesson plans. Contact CFAITC via e-mail ([info@learnaboutag.org](mailto:info@learnaboutag.org)) or by phone (800-700-AITC) to request a CD.

## Lesson Plans and Comprehensive Units

*Grades K-1*

### **A Garden Plot: The Tale of Peter Rabbit**

*by Donica O'Laughlin*

This unit uses *The Tale of Peter Rabbit* and other stories by Beatrix Potter as a vehicle to teach reading, writing, and science concepts. This unit encourages students to think about where their food comes from, distinguish between fact and fiction, observe roots and soil, and write about experiences they have while caring for the personal gardens they create. *Aligned to the Content Standards for California Public Schools.*

*Grades 2-3*

### **Red Imported Fire Ants: Facts About These Interesting Insects**

This booklet is designed to provide teachers with facts and activities that teach children about the red imported fire ant, a potentially dangerous and destructive insect to the people, animals, and plants of California. Math, reading, and history activities are included.

*Grades 2-5*

### **Simple and Complex Machines in Agriculture**

*by Tonja Cargill and Pamela Emery*

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people including farmers and ranchers. *Aligned to the Content Standards for California Public Schools.*

*Grades 3-6*

### **Edible Numbers**

*by Pamela Emery and Gina Hieb*

*Edible Numbers* provides teachers with lessons that relate grocery advertisements to classroom mathematics and nutrition education. Food origins, nutrition, problem solving, graphing, and grade-level appropriate mathematics are taught in two separate grade level units. *Aligned to the Content Standards for California Public Schools.*

*Grades 3-6*

### **That Was Then, This Is Now**

*edited by Pamela Emery*

Students learn about food prices and how they have changed over time by performing mathematical computations, analyzing data charts, and comparing and contrasting statistical information. *Aligned to the Content Standards for California Public Schools.*

*Grades 3-12*

### **Science Fair and Lesson Ideas**

*by Pamela Emery*

This packet includes stimulating questions that teachers can use when teaching a specific scientific topic, science fair ideas that relate to agriculture, and websites that educators and students may find useful when preparing a science lesson or a science fair project.

Grades 4-6

### Fruits and Vegetables for Health

by Brenda Byers and Priscilla Naworski

This comprehensive unit teaches students about the production, distribution, and nutritional value of California fresh produce. Geography, language arts, mathematics, health, and nutrition concepts are incorporated. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6

### Milk Matters: Discovering Dairy

edited by Mandi Bottoms

Students discover the many different aspects of life on a dairy farm. From investigating the historical significance of dairy breeds to conquering mathematical business challenges, students will understand why milk matters. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6

### What's Bugging You?

by Pamela Emery and Ethan Heifetz

Students create a useful definition for the word "pest," perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest which lives in an imaginary habitat. *Aligned to the Content Standards for California Public Schools.*

Grades 5-6

### A "Sour" Subject

edited by Pamela Emery

Students reinforce their skills of observation, mathematical computation, and written expression by comparing and contrasting grapefruits and lemons. *Aligned to the Content Standards for California Public Schools.*

Grades 5-7

### Food Safety: From Farm to Fork

Students learn, through real-life examples and hands-on activities, that everyone has a responsibility in minimizing foodborne illnesses. This unit is science and language arts based. *Aligned to the Content Standards for California Public Schools.*

Grades 5-7

### Where'd You Get Those Genes?

by Beth Brookhart and Pam Schallock

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. *Aligned to the Content Standards for California Public Schools.*

Grades 7-9

### From Genes to Jeans

by John Vogt and Mary Yale

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about the viability and ethics associated with biotechnology. *Aligned to the Content Standards for California Public Schools.*

Grades 9-10

### Agricultural Awareness Through Poetry

by Alta Bjornsen

Students gain an appreciation for the role agriculture plays in their lives as they read and analyze poetry and write an agricultural poem of their own. *Aligned to the Content Standards for California Public Schools.*

Grades 9-10

### An Ag Interview

edited by Pamela Emery

Students gain a greater awareness of the role agriculture plays in the American economy, practice oral and written communication skills, and learn about numerous agricultural careers. *Aligned to the Content Standards for California Public Schools.*

Grades 9-12

### Biotechnology in the Field

edited by Mandi Bottoms and Jenna Swenson

This unit consists of six lessons about biotechnology used in agricultural production. Through background information from realistic memos, board meetings, and experiments, students are asked to address the challenge of maintaining cotton production with a diminishing water supply. *Aligned to the Content Standards for California Public Schools.*

## Other Materials

### Ag Bites

These hands-on, interactive activities teach students about where their food comes from using a variety of agricultural topics. The activities can be used as short or extended lessons. A demonstration for some of these activities can be seen on [www.youtube.com/learnaboutag](http://www.youtube.com/learnaboutag). *Aligned to the Content Standards for California Public Schools.*

Grades K-12  
Free online

### Agricultural Fact and Activity Sheets

Educators and students learn about the production, history, economic value, and other information on a variety of agricultural commodities and resources. The activity suggestions help educators generate lesson plan ideas.

Grades 6-12  
One set free

### CROP Circles

The CROP (California Regions of Optimal Planting) Circle is an easy-to-use diagram that illustrates proper planting and harvesting times for 18 crops commonly found in California school gardens. These are optimal and recommended planting and harvesting times that can be altered to better suit individual microclimates or a school calendar. The Circle is divided into four seasons with each individual crop in its own concentric circle. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6  
Free online

### Imagine this... Stories Inspired by Agriculture

This soft cover book of colorful, agriculturally related stories features winning entries of the *Imagine this...* Story Writing Contest, illustrated by high school students.

Grades 3-8  
\$6

### Kids' Corner Website

This student-oriented section of the California Foundation for Agriculture in the Classroom website features agriculture-related activities that can be used in the classroom or at home. Highlighted areas include a commodity mystery game and selected answers to the annual CFAITC student newspaper *What's Growin' On?* Visit online at [kids.learnaboutag.org](http://kids.learnaboutag.org).

Grades 3-8  
Free online

### Presidential Turkey Activity Guide

This four-page guide introduces students to the history of our nation's Presidential Turkey tradition and engages them with activities about the popular poultry. English-language arts, history-social science, math, science, and health education are incorporated. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6  
Free online

### WE Garden

This collection of 11 one-page lesson plans allows educators to transition the hands-on, real world experiences learned in a garden into a traditional classroom setting. The lessons were designed as a capstone to the WE Garden in Capitol Park, which was developed in collaboration with CFAITC and former First Lady Maria Shriver. *Aligned to the Content Standards for California Public Schools.*

Grades 1-6  
Free online

### What's Growin' On? Farm to School Connections

This 16-page newspaper educates students about the many aspects of agriculture. The 9th edition focuses on farm to school. It also includes specific pages on grapes, organics, condiments, and eggs. Selected activities encourage students to read their local newspaper daily. A Teacher's Supplement is also available to extend topics and adapt for ELL or GATE students. *Aligned to the Content Standards for California Public Schools.*

Grades 3-8  
One class set free, while supplies last

# CFAITC Materials Order Form

Order online at [www.LearnAboutAg.org](http://www.LearnAboutAg.org) or call (800) 700-AITC (2482)

Description	Logo Items	Price per item
Pencils		\$ .15
Balloons		\$ .20
Rulers		\$ .50
Shopping Totes		\$ 1.50
Mugs		\$ 2.50
Gardening Gloves (adult small)		\$ 2.50
Trowels		\$ 3.50
Flower Pot Mugs		\$ 4.50
Steel Water Bottles		\$ 6.50
Visors		\$ 7.00
Ball Caps		\$ 8.00
Canvas Bags		\$ 8.00
Long Sleeve Denim Shirts (S-XXL)		\$20.00
Fleece Jacket (call for sizes and colors)		\$37.00

## Books and Gifts

<i>Imagine this...</i> Stories Inspired by Agriculture	\$ 6.00
Commodity Notecards (boxed set of 8)	\$ 4.00

## Educational Resources

Agricultural Fact and Activity Sheets	1 set free
"Resources for Every Season" CD	1 free
Teacher Packet	1 free
<i>What's Growin' On?</i> Student Newspaper (aligned for grades 3-8)	Class set free

*All prices are subject to change without notice.*

# Section 2

## Educational Resources About Agriculture



California Foundation for  
Agriculture in the Classroom

This section is designed to help educators locate high quality resources about agriculture. The resources were reviewed by CFAITC's Resource Review Committee and are considered suitable for classroom use. However, inclusion in this guide does not constitute an endorsement. When requesting materials, mention the California Foundation for Agriculture in the Classroom.





# Resources by Subject Listing

Agriculture - General.....	14	Eggs.....	47	Newspapers.....	78
Air Quality.....	22	Energy.....	48	Nutrition.....	79
Alfalfa.....	22	Environment.....	48	Olives.....	86
Almonds.....	23	Fairs.....	52	Onions.....	87
Ants.....	23	Farm Animals.....	52	Organic Foods.....	87
Apples.....	23	Farm Equipment.....	52	Peaches.....	87
Artichokes.....	24	Farm Safety.....	53	Peanuts.....	87
Aviation.....	24	Farmers Markets.....	53	Pears.....	88
Avocados.....	25	Fertilizers.....	53	Pest Management.....	88
Bats.....	25	Fibers.....	55	Pistachios.....	89
Beans.....	25	Flowers.....	55	Pizza.....	89
Beef Cattle.....	26	Food Safety.....	55	Pork.....	89
Bees.....	27	Food Science.....	57	Potatoes.....	90
Biotechnology.....	28	Forestry and Forest Resources.....	57	Raisins.....	91
Birds.....	31	Fruit.....	60	Rice.....	92
Blueberries.....	31	Gardening.....	61	Science.....	92
Botany.....	32	Genetics.....	67	Seeds.....	94
Bread.....	33	Geography.....	68	Sheep.....	95
Cantaloupe.....	33	Goats.....	68	Soil.....	95
Careers.....	33	Grapes.....	69	Soybeans.....	96
Carrots.....	37	Greenhouses.....	69	Statistics.....	97
Cheese.....	37	Herbs.....	70	Strawberries.....	98
Cherries.....	37	History.....	70	Sugar.....	98
Chickens.....	38	Honey.....	72	Sunflowers.....	98
Chocolate.....	39	Horses.....	72	Sustainable Agriculture.....	99
Citrus.....	39	Horticulture.....	73	Tomatoes.....	101
Commodities.....	39	Hydroponics.....	73	Trees.....	101
Corn.....	40	Insects.....	74	Turkeys.....	102
Cotton.....	41	Kiwifruit.....	74	Vegetables.....	102
Cowboys.....	42	Ladybugs.....	74	Walnuts.....	103
Cranberries.....	43	Literature.....	75	Water.....	104
Crops.....	43	Livestock.....	75	Watermelon.....	108
Dairy.....	43	Mathematics.....	75	Weather.....	109
Dates.....	45	Minerals.....	76	Wheat.....	109
Dried Plums.....	45	Mushrooms.....	76	Wildlife.....	110
Economics.....	45	Music.....	77	Wool.....	110
Education - General.....	46	Native Plants.....	78	Worms.....	110

## Agriculture - General

### ► Indicates new for 2011-2012

#### Acres of Adventures Activity Guides

Cultivating excitement for science and agriculture in after-school programs, this resource was developed in partnership with CFAITC and other state AITC programs. Book 1: All About Agriculture, Fast Food Agriculture, Mystery Agriculture, and Plant Detectives. Book 2: Agriculture Gone Wild, Farm Physics, Frontier Living, and Insect Invasion.

Grades 3-5  
\$7.50 each plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

#### Ag Alert®

This colorful weekly newspaper, available to California Farm Bureau Federation members, provides current information and articles on California's agriculture sector.

Grades 8-adult  
Free subscription to California Farm Bureau members  
Selected weekly stories available to the public online

Ag Alert®  
California Farm Bureau Federation  
2300 River Plaza Drive  
Sacramento, CA 95833  
Phone: (916) 561-5570  
Fax: (916) 561-5695  
E-mail: [agalert@cfbf.com](mailto:agalert@cfbf.com)  
Website: [www.agalert.com](http://www.agalert.com)

#### ► Ag Mag

Classroom sets of 30 agriculture magazines feature four-page, colorful publication with information about agriculture, agricultural careers, and classroom activities. Sets are available for different topics including pumpkins, specialty crops, horticulture, soybeans, apples, and trees.

Grades 4-6  
\$7.50/set

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aipc@ilfb.org](mailto:aipc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Agricultural Research

Published ten times a year by the Agricultural Research Service, United States Department of Agriculture, this magazine reports on current research in agriculture. Available online at [www.ars.usda.gov/is/ar](http://www.ars.usda.gov/is/ar).

Grades 9-adult  
Free 1-year subscription to schools and libraries

Agricultural Research Service, USDA  
5601 Sunnyside Avenue, 1-2232B  
Beltsville, MD 20705-5130  
Phone: (301) 504-1633  
Fax: (301) 504-1641  
E-mail: [dianne.odland@ars.usda.gov](mailto:dianne.odland@ars.usda.gov)  
Website: [www.ars.usda.gov](http://www.ars.usda.gov)

#### ► All About Agriculture in the U.S.

A reading, activity, and coloring book focused on the United States agriculture industry. Activities include matching, word puzzles, fill in the blank, and graphic organizers.

Grades K-3  
Free; available online only

American Agri-Women  
2103 Zeandale Road  
Manhattan, KS 66502  
E-mail: [info@americanagriwomen.org](mailto:info@americanagriwomen.org)  
Website: [www.americanagriwomen.org](http://www.americanagriwomen.org)

#### Alphabet Soup Activities

This agriculture activity booklet has an ag activity for each letter of the alphabet. It includes agricultural talking points, activity extensions, recipes, and more.

Grades PreK-6  
\$3 includes s/h

Tennessee Foundation for Agriculture in the Classroom  
Post Office Box 313  
Columbia, TN 38402  
Phone: (931) 388-7872 ext. 2217  
Fax: (931) 388-5818  
E-mail: [ccurtis@tfnfbf.com](mailto:ccurtis@tfnfbf.com)  
Website: [www.tnfarmbureau.org](http://www.tnfarmbureau.org)

#### American Farm Bureau Foundation for Agriculture Materials

##### Addressing Early Misconceptions About Agriculture

This kit tackles five basic questions that are most often misunderstood by children and the adults they live with. Includes topics such as "Who makes chocolate milk?" and "Find the bull." The kit includes a teacher's guide that will provide set-up and teaching instructions.

Grades K-3  
Ready-to-use version, \$55  
Do-it-yourself version, \$10

**Addressing Misconceptions About Agriculture**

This kit's 35 issues cover topics from DDT to global food issues, ethanol to environmental issues, and nutrition to animal production. The kit comes complete with an 11-page lesson plan, background information on each issue, three sets of student cards, and a CD-ROM containing two PowerPoint presentations.

Grades 9-adult  
\$15; quantity discounts available

**Food and Farm Facts Booklet**

This 29-page booklet contains realistic illustrations of farmers, consumers, livestock, and crops. It features charts and graphs with facts about today's agricultural system, food consumption and safety, biotechnology, international trade, historical highlights, and agricultural terminology. New sections on aquaculture, silviculture, nursery and greenhouse, and the farmers' share of the retail food dollar are included. A one-sided poster map (38" x 27") is included with each booklet. Condensed, pocket-sized booklet is also available.

Grades K-adult  
\$4.25 each  
Quantities of 100 or more available in boxes of 100 for \$250

**Food and Farm Facts Lesson Plans**

Farm Facts lesson plans have been completely revised and upgraded. The 59-page instructional package contains six units and 18 activities for students. The package includes reproducible student pages, step-by-step activity directions, student quizzes, and answer keys. Each unit corresponds with several sections in the Food and Farm Facts booklet. Lesson plan PDFs are available on CD-ROM, which also includes a PowerPoint presentation.

Grades 7-12  
\$10 plus s/h

**Food and Farm Facts Pencils**

Pencils in red, yellow, blue, green, and black contain one of 10 farm facts on each pencil.

\$22/box of 140 pencils

**Food and Farm Facts Poster Kit**

Includes five posters (18" x 24") on heavy, gloss paper, suitable for display at fairs, field days, farm tours, and other events. One-sided posters correspond to pages from the Food and Farm Facts booklet.

Grades 4-12  
\$10

**► The Man Who Fed the World: Teacher's Guide**

This teacher's guide to the book "The Man Who Fed the World" contains modules and instructional materials examining sustainable international development efforts specific to agriculture. Educational standards addressed include English, social studies, science, and agriculture.

Grades 10-adult  
Free with purchase of the book

**Slice Kit**

This packet of classroom activities and worksheets assists teachers and volunteers in educating children about the role of the farm in providing food and products for the city.

Grades K-6  
\$8

**Ten Things Kids Want to Know About Farming**

This 22-minute educational video or DVD takes students on a series of field trips to farm and ranch locations throughout the United States, offering them a firsthand view of how the food and clothing we use every day is produced.

Grades 3-6  
VHS \$18.50; DVD \$17; quantity discounts available

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**► America's Heartland**

A magazine-style, half-hour episode television series that showcases American farmers as they share their knowledge about food safety, sustainability, and productivity. An education section of the website connects teachers and students to lesson plans, study guides, and movie clips.

Grades K-12  
Free; available online

KVIE Public Television  
2030 West El Camino Avenue  
Sacramento, CA 95833  
Phone: (916) 929-5843  
Toll free: (800) 347-KVIE  
E-mail: [member@kvie.org](mailto:member@kvie.org)  
Website: [www.americasheartland.org](http://www.americasheartland.org)

**APSnet Education Center**

The APSnet Education Center K-12 website was constructed to assist science and biology teachers interested in developing interactive laboratories and demonstrations that teach the basic principles of science and the scientific method.

Grades K-12  
Free online information

American Phytopathological Society  
3340 Pilot Knob Road  
Saint Paul, MN 55121  
Phone: (651) 454-7250  
Fax: (651) 454-0766  
E-mail: [aps@scisoc.org](mailto:aps@scisoc.org)  
Website: [www.apsnet.org](http://www.apsnet.org)  
Website: [www.apsnet.org/education/K-12PlantPathways](http://www.apsnet.org/education/K-12PlantPathways)

### ► Bearing Fruit: Farm to School Program Evaluation Resources and Recommendations

This comprehensive evaluation of Farm to School programs highlights the overall impact of farm to school efforts for stakeholders—teachers, food service providers, farmers, parents, policy makers, and community members—providing resources and tools to incorporate when assessing a program.

Adult

Free plus shipping; also available online

Center for Food & Justice - UEPI  
Occidental College  
1600 Campus Road, MS M-1  
Los Angeles, CA 90041-3314  
Phone: (323) 341-5099  
Fax: (323) 258-2917  
E-mail: [cjf@oxy.edu](mailto:cjf@oxy.edu)  
Website: [departments.oxy.edu/uepi/cjf/index.htm](http://departments.oxy.edu/uepi/cjf/index.htm)

### Bet the Farm

In this online game, students become the farmer. Students determine what products to raise, how to manage them, and ways to market their bounty. This resource teaches students the greatest skill in farming: making intelligent decisions.

[www.cosi.org/visitors/on-line-activities/farm](http://www.cosi.org/visitors/on-line-activities/farm).

Grades 5-10

Free

COSI Columbus  
333 West Broad Street  
Columbus, OH 43215  
Phone: (614) 228-2674  
Toll free: (888) 819-2674  
Website: [www.cosi.org](http://www.cosi.org)

### California Agricultural Resource Directory

Includes facts and figures, county-by-county statistics, and an extensive directory of industry resources and contacts. Also contains production and export statistics, key facts about California agriculture, information on CDFA services, and marketing trends.

Grades 4-adult

Free online information

California Agricultural Statistics Service  
Post Office Box 1258  
Sacramento, CA 95812-1258  
Phone: (916) 498-5161  
Fax: (916) 498-5186  
E-mail: [nass-ca@nass.usda.gov](mailto:nass-ca@nass.usda.gov)  
Website: [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)

### California Agriculture Publication

Bi-monthly, full-color magazine on agriculture research by the University of California.

Grades 9-adult

Free subscription within United States

University of California Cooperative Extension  
Division of Agriculture and Natural Resources  
6701 San Pablo Avenue, 2nd Floor  
Oakland, CA 94608-1239  
Phone: (510) 665-2163  
Fax: (510) 665-3427  
Website: [californiaagriculture.ucop.edu/Default.htm](http://californiaagriculture.ucop.edu/Default.htm)

### California Bingo

This bingo game highlights the unique characteristics, people, environment, and landmarks of California, including agriculture. Set comes with facts to be read during the game, six artistic bingo cards, and markers. Some examples are Bug Bingo, Tractor Bingo, and Weather Bingo.

Grades 3-adult

\$14.95 plus s/h

Lucy Hammett Games  
Post Office Box 905  
Mineola, TX 75773  
Phone: (888) 420-7585  
Fax: (903) 569-0690  
E-mail: [info@lucybingogames.com](mailto:info@lucybingogames.com)  
Website: [www.lucybingogames.com](http://www.lucybingogames.com)

### California Country Magazine

This bi-monthly magazine features information and enlightening features on California farms and ranches, gardening and landscaping tips, travel features, and interesting facts about food production. Website includes educator section with teacher profiles and connections to CFAITC lessons and activities.

Grades 8-adult

Subscription included in annual California Farm Bureau Federation membership dues, or subscribe online

California Country Magazine  
California Farm Bureau Federation  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5570  
Fax: (916) 561-5695  
E-mail: [info@californiacountry.org](mailto:info@californiacountry.org)  
Website: [www.californiacountry.org](http://www.californiacountry.org)

## California Foundation for Agriculture in the Classroom Materials

### ► Ag Bites

These hands-on, interactive, standards-aligned activities teach students about where their food comes from. The activities cover a variety of agricultural topics and grade levels that can be used as short or extended lessons. Video demonstrations are also available.

Grades K-12  
Free; available online only

### An Ag Interview

Students gain a greater awareness of the role agriculture plays in the American economy, practice oral and written communication skills, and learn about numerous agricultural careers.

Grades 9-10  
Free; also available online  
Free lesson plan CD available, while supplies last

### Cream of the Crop

The Cream of the Crop newsletter is released electronically once a month with articles about agriculture-related resources, ideas, information, and CFAITC event overviews. Teachers can visit [www.learnaboutag.org/cotc](http://www.learnaboutag.org/cotc) to subscribe.

Grades K-12  
Free; available online only

### Kids' Corner

This student-oriented section of the California Foundation for Agriculture in the Classroom website features agriculture-related activities that can be used in the classroom or at home. Highlighted areas include a commodity mystery game and selected answers to the annual CFAITC student newspaper, *What's Growin' On?* Visit online at [kids.learnaboutag.org](http://kids.learnaboutag.org).

Grades 3-8  
Free; available online only

### What's Growin' On?

This 16-page annual newspaper for students highlights the many careers and agricultural products of California. Activities, trivia, readings, and graphics are sprinkled throughout, providing a connection for every learner. Activities are aligned to the Content Standards for California Public Schools.

Grades 3-8  
Free; also available online  
Free single copies or class sets, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## ► California Grown Classroom Activities

The purpose of these activities is to teach students about California agriculture, the health and economic benefits of buying and eating locally grown products, and to instill pride in our agriculturally rich state. Students will utilize critical thinking, analytical, and map skills as part of six different classroom activities. Reproducible activities for the classroom, extensions and websites to expand on concepts, and parent newsletter included.

Grades K-2, 3-5  
Free; available online only

Buy California Marketing Agreement  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 441-5302  
E-mail: [info@californiagrown.org](mailto:info@californiagrown.org)  
Website: [www.californiagrown.org](http://www.californiagrown.org)

## California Heartland

This series of half-hour television programs combines stories with fun facts about California's multi-billion dollar agriculture industry. Refer to the online schedule for the viewing station, day, and time of broadcast in your area.

Grades K-adult  
\$14.95 per show on DVD

California Heartland  
Post Office Box 6  
Sacramento, CA 95812  
E-mail: [calheart@kvie.org](mailto:calheart@kvie.org)  
Website: [www.californiaheartland.org](http://www.californiaheartland.org)

## Capital Press Agriculture Weekly Newspaper

This weekly newspaper provides current information about agriculture topics and events. Capital Press covers ag news in California, Idaho, Oregon, and Washington.

Grades 9-adult  
\$3.75 per month, \$49 per year

Capital Press - The West's Ag Weekly  
Post Office Box 2048  
Salem, OR 97308  
Toll free: (800) 882-6789  
E-mail: [treisner@capitalpress.com](mailto:treisner@capitalpress.com)  
Website: [www.capitalpress.com](http://www.capitalpress.com)

### ► **Cornucopia's Challenge**

A 30-minute peer-reviewed documentary that follows the journey of three crops—corn, rice and cotton—from seed to market. Students look at the variety of methods that farmers use to meet the challenges of growing, segregating, and marketing these crops to meet differing market requirements and consumer preferences.

Grades 4-adult  
\$35

University of California Agriculture & Natural Resources  
Communication Services  
Phone: (530) 757-8304  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

### ► **Dig in!**

The Dig in! resource pack contains 48 lesson plans which are intrinsically linked to science, geography, and SPHE (Social, Personal and Health Education) curricula. The lessons address the subjects of farming, cattle, sheep, pigs, poultry, fruits and vegetables, cereals and grasses, and healthy eating. The lessons also cover environmental subjects, including the hedgerow, air, trees, water, and soil.

Grades K-12  
Free; also available online

Alltech  
4041 North Fresno Street, Suite #104  
Fresno, CA 93726  
Phone: (559) 226-0405  
E-mail: [tanesh@alltech.com](mailto:tanesh@alltech.com)  
Website: [www.alltech.com/kidzone](http://www.alltech.com/kidzone)

### **Discovering the Food System**

This guided experiential learning program is designed primarily for ages 12 to 18 but is adaptable and useful for all curious about food and how it gets from the farm to the table. Ten different lessons encourage students to think about their involvement in the food system and how local actions impact global actions.

Grades 7-adult  
Free; available online only

Cornell University  
Division of Nutritional Sciences  
Division of Horticulture  
Website: [foodsyst.cce.cornell.edu](http://foodsyst.cce.cornell.edu)

### **Farm Service Agency for Kids**

This website has downloadable materials that can be used with students. Examples include several coloring books of multiple crops, fun facts, and trivia. Some materials are also available in Spanish.

Grades K-6  
Free online materials

USDA - Farm Services Agency  
430 G Street, Suite 4161  
Davis, CA 95616-4161  
Phone: (530) 792-5520  
Fax: (530) 792-5555  
Website: [www.fsa.usda.gov/fsakids](http://www.fsa.usda.gov/fsakids)

### **A Farmer's Guide to Hosting Farm Visits for Children**

This report provides farmers with some encouragement and support on hosting farm visits for children. Information includes tips on making useful and safe hands-on activities and tips on how to plan and what to plan for.

Adult  
Free; available online only

University of California  
Sustainable Agricultural Research and Education Program  
One Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-7556  
Fax: (530) 754-8550  
Website: [www.sarep.ucdavis.edu/Grants/Reports/Kraus/97-36FarmersGuide.htm](http://www.sarep.ucdavis.edu/Grants/Reports/Kraus/97-36FarmersGuide.htm)

### **Farming Game**

Try your luck at raising crops and livestock. Learn about family farm economy using a board game format. Farming Game is for ages 10 and up. Farming Game Kids is for ages 3-9.

Grades PreK-adult  
Farming Game is \$34.95 plus \$8.50 s/h  
Farming Game Kids is \$25.95 plus \$7.50 s/h

The Weekend Farmer  
Post Office Box 896  
Goldendale, WA 98620  
Toll free: (800) 222-GAME  
Fax: (509) 773-6464  
E-mail: [farmgame@gorge.net](mailto:farmgame@gorge.net)  
Website: [www.farmgame.com](http://www.farmgame.com)

## Farmology

Four-page activity booklet designed for restaurant use includes various activities introducing children to the benefits of California agriculture.

Grades 1-6

Free; available online only

Agricultural Awareness & Literacy Foundation  
Post Office Box 653  
Atwater, CA 95301-0653  
Phone: (209) 631-4146  
Fax: (209) 358-8552  
E-mail: [dskidmore@farmology.com](mailto:dskidmore@farmology.com)  
Website: [www.farmology.com](http://www.farmology.com)

## Food, Land & People

This program provides educational resources and promotes approaches to learning which help educators and students to better understand the interrelationships among agriculture, the environment, and people of the world. Educators who participate in a workshop will obtain FLP's Resources for Learning, which contains 55 lessons. Twenty lessons are translated into Spanish. Lessons are correlated to state standards.

Grades PreK-12

Prices include s/h

Resources for Learning (shrink wrapped) \$56.25

Resources for Learning CD \$45

Spanish Lessons \$15

North America Natural Resource Poster \$8

California Food, Land & People  
1570 Brandywine Road  
San Mateo, CA 94402  
Phone: (650) 345-5178  
E-mail: [caflp@aol.com](mailto:caflp@aol.com)  
Website: [www.caflp.org](http://www.caflp.org)

## A Guide to Food and Fiber Systems Literacy

This guide is composed of a compendium of standards, benchmarks, explanatory narrative, and sample instructional materials for kindergarten through twelfth grade. It is intended to provide a road map for infusing food and fiber systems knowledge into core academic subjects.

Grades K-12

Free; available online only

Food and Fiber Systems Literacy Project  
James Leising  
Oklahoma State University  
139 Agricultural Hall  
Stillwater, OK 74078-6026  
Website: [food\\_fiber.okstate.edu](http://food_fiber.okstate.edu)

## Illinois Agriculture in the Classroom Materials

### Ag Bag Lessons

This series focuses on 10 different commodities. Each unit encourages the use of a particular literature book that relates to the topic and includes activities and lesson ideas. Commodities include corn, apples, horses, sheep, pork, pumpkins, dairy, farm safety, pizza, and soybeans.

Grades K-6

Free; available online only

### Ag, Paper Plates, & You

This packet contains 25 agricultural activities using paper plates.

Grades K-5

Free; available online only

### Illinois Agriculture: Innovation and Invention

This CD-ROM is available for educators to explore social sciences, geography, science, and more. This resource can be used in a United States history class.

Grades 5-adult

\$15 plus shipping

### Kids, Crops, & Critters in the Classroom

Contains 60 lessons about agriculture in the areas of math, science, language arts, social studies, fine arts, health, nutrition, and safety. Hands-on activities, worksheets, and resource lists are included. Limited quantities available.

Grades K-3, 4-6, 7-8

Request grade level

\$25 plus s/h

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### **Imagine this... Story Writing Contest**

This award-winning contest creates a positive learning experience that promotes reading, writing, and the arts, and furthers the understanding of agriculture in our lives. The *Imagine this...* Story Writing Contest is an annual statewide writing program for students. Regional and state level prizes are awarded to winning students and their teachers. State-winning authors will have their stories published in an illustrated book that will be distributed to school libraries and classrooms across the state. Entries must be postmarked by November 1, annually.

Grades 3-8

California Foundation for Agriculture in the Classroom  
Attn: *Imagine this...* Story Writing Contest  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [imaginethis@learnaboutag.org](mailto:imaginethis@learnaboutag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

### ► **Minnesota AgMag**

This eight-page agriculture magazine is produced three times a year and features activities and articles that relate to students nationwide. Topics include "Caring for our Natural Resources" and "Agriculture is Everywhere!"

Grades 4-6

Free; available online only

Minnesota Agriculture in the Classroom  
625 Robert Street North  
St. Paul, MN 55155  
Phone: (651) 201-6000  
Toll free: (800) 967-2474  
E-mail: [MDA.Info@state.mn.us](mailto:MDA.Info@state.mn.us)  
Website: [www.mda.state.mn.us](http://www.mda.state.mn.us)

### **National Ag Day Planning Guide**

The "Ag Day Planning Guide" was developed to help plan and host Ag Day events. Find tips, tools, and strategies that have been used successfully in past years to build awareness about agriculture in communities all across America.

Grades K-12

Free listing of materials by mail or website

Agriculture Council of America  
11020 King Street, Suite 205  
Overland Park, KS 66210  
Phone: (913) 491-1895  
Fax: (913) 491-6502  
E-mail: [info@agday.org](mailto:info@agday.org)  
Website: [www.agday.org](http://www.agday.org)

### **National FFA Organization Materials**

#### **Charlie Greenhand's Ag Trivia Challenge**

This game helps students achieve agricultural literacy in a fun and interactive way. Trivia questions cover agribusiness, agriscience and technology, animal science, plant science, and general agriculture. The board is versatile so the game can be played on one board with up to 12 people, or it can be split into four smaller boards with four people at each board.

Grades 9-12

\$49 plus s/h

#### ► **FFA Learn Center Website**

This website from the National FFA Organization for FFA advisors and their students, [ffa.learn.com](http://ffa.learn.com), includes lesson plans about risk management, service learning, agri-entrepreneurship, and more.

Grades 7-12

Free online information

#### **National FFA Organization**

Provides resources for agricultural literacy, career awareness, biotechnology, and other agricultural education information.

Grades 7-12

Free online information

National FFA Organization  
6060 FFA Drive  
Post Office Box 68960  
Indianapolis, IN 46268-0960  
Phone: (317) 802-6060  
Toll free: (888) 332-2668  
Fax: (800) 366-6556  
E-mail: [kmumaw@ffa.org](mailto:kmumaw@ffa.org)  
Website: [www.ffa.org](http://www.ffa.org)  
Website: [www.ffa.org/shop](http://www.ffa.org/shop)

### **National Institute of Food and Agriculture Materials**

#### **AgroWorld E-zine**

This secondary educator E-zine, produced by Agriculture in the Classroom and USDA, features current events and classroom resources that enhance science, technology, and social studies curricula.

Grades 8-12

Free; available online only



### Scenes of Science

This DVD contains 23 brief videos on a wide range of recent scientific discoveries at the Agricultural Research Service. Topics include foods and health, crops and environment, farm animals, new products, and insects.

Grades 6-12  
Free

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [nali@nifa.usda.gov](mailto:nali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aitc.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aitc.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

### ► Producepedia

*Producepedia.com* is an educational website highlighting the fruits, vegetables, and nuts grown in California and Arizona. The site aims to connect consumers with the produce they eat as well as the farmers who grow the produce. The site hosts photos, videos, farmer interviews, resources, and profiles of fruits, vegetables, and nuts.

Grades K-adult  
Free online information

Western Growers Foundation  
Post Office Box 2130  
Newport Beach, CA 92658  
Phone: (949) 885-2259  
Fax: (949) 809-6259  
Website: [www.westerngrowersfoundation.org](http://www.westerngrowersfoundation.org)  
Website: [www.producepedia.com](http://www.producepedia.com)

### Schools Online

This CD contains nine interactive curricula that combine problem-solving, creativity, and skill-building exercises in a creative way. Lessons include The Great Plant Escape, The Adventures of Herman the Worm, My First Garden, Let's Talk About Insects, A Walk in the Woods, The Secret Life of Trees, and Trees are Terrific.

Grades K-6  
\$16.99 plus s/h  
Free online

University of Illinois Extension  
Office of Urban Programs  
549 Bevier Hall, 905 South Goodwin Avenue  
Urbana, IL 61801  
Phone: (217) 244-2849  
Fax: (217) 244-0191  
E-mail: [jscherer@uiuc.edu](mailto:jscherer@uiuc.edu)  
Website: [www.urbanext.uiuc.edu/schools](http://www.urbanext.uiuc.edu/schools)

### University of California Materials

#### Agriculture and Natural Resource Publications Catalog

Pamphlets, books, slide sets, and videos on agriculture, crops, livestock, soil, water, and more.

Grades K-12  
Free online catalog

#### 4-H Youth Development Materials

This online catalog provides descriptions and ordering information for 4-H educational materials, projects, and activities appropriate for educators and leaders working with youth.

Grades K-12  
Free online catalog

University of California  
ANR Communication Services Publications  
1301 South 46th Street, Building 478  
Richmond, CA 94804  
Toll free: (800) 994-8849  
Fax: (510) 665-2161  
E-mail: [anrcatalog@ucdavis.edu](mailto:anrcatalog@ucdavis.edu)  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

### USDA National Agricultural Library Materials

#### Education and Outreach

Gateway for both students and teachers to a wide range of agricultural lesson plans and learning opportunities, including classroom activities, coloring books, science fair tips, games, quizzes, and more.

Grades K-12  
Free online

#### United States National Agricultural Library

Covers agriculture and its related fields for everyone from consumers to scientists, from students to teachers, from citizens to Congress. Browse the website or search the library's online catalog to find what's available for immediate access, or ask questions of the reference staff for a customized response.

Grades K-adult  
Free online access

USDA, National Agricultural Library  
10301 Baltimore Avenue  
Beltsville, MD 20705-2351  
Phone: (301) 504-5755  
Fax: (301) 504-6011  
E-mail: [agref@nal.usda.gov](mailto:agref@nal.usda.gov)  
Website: [www.nal.usda.gov](http://www.nal.usda.gov)

## Utah Agriculture in the Classroom Website

Elementary and secondary teachers have access to more than 150 educational resources at Utah AITC's website. Lesson plans, books, videos, and instructional kits are available for loan or purchase, and many items are free. For example, kits for wool spinning, wheat grinding, and cotton ginning can be purchased to teach agriculture, history, and social studies. Items can be conveniently ordered through the online store.

Grades K-12  
Prices vary

Utah State University  
Utah Agriculture in the Classroom  
2315 Old Main Hill  
Logan, UT 84322-2315  
Phone: (435) 797-0765  
Fax: (435) 797-4002  
Website: [www.agclassroom.org/ut](http://www.agclassroom.org/ut)

## Air Quality

### AIRNow.gov

The United States EPA, NOAA, NPS, tribal, state, and local agencies developed the AIRNow website to provide the public with easy access to national air quality information. Easy-to-understand information on air quality terms such as "air quality index" and "particulate matter" are part of the general information section of the site. The website offers daily AQI forecasts as well as real-time AQI conditions for over 300 cities across the U.S., and provides links to more detailed state and local air quality websites.

Grades 6-adult  
Free; available online only

AIRNow  
Website: [airnow.gov](http://airnow.gov)

### Blue Sky, Brown Sky . . . It's Up to You!

This air quality educational curriculum is designed to help educators teach students about air pollution and the effects it has on Valley residents. Contains teacher manual, student activity books, and incentive items such as stickers, pencils, and crayons.

Grades K-2, 3-5  
Free

San Joaquin Valley Air Pollution Control District  
1990 East Gettysburg Avenue  
Fresno, CA 93726-0244  
Phone: (559) 230-6000  
Fax: (559) 230-6111  
E-mail: [public.education@valleyair.org](mailto:public.education@valleyair.org)  
Website: [www.valleyair.org](http://www.valleyair.org)

## Alfalfa

Also see **Crops** listing

### Alfalfa Fact and Activity Sheet

This California-specific fact sheet includes information on alfalfa production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about alfalfa.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Alfalfa, Wildlife and the Environment

This 24-page detailed publication describes the benefits of alfalfa in the 21st century. It includes chapters about the history of alfalfa, production methods, and alfalfa's importance to society, wildlife, the economy, and the environment.

Grades 6-adult  
\$5 each; 10+ quantities, \$4 each  
Also available free online

California Alfalfa and Forage Association  
36 Grande Vista  
Novato, CA 94947  
Phone: (415) 892-0167  
Fax: (415) 899-9860  
E-mail: [akiess@cmc.net](mailto:akiess@cmc.net)  
Website: [www.callhay.org](http://www.callhay.org)

### Alfalfa—A Home for Animals and Ice Cream for People

This interactive lesson teaches students about alfalfa production in California and how it benefits consumers and contributes to the economy and the environment. It also shows how alfalfa production uses water resources efficiently, how California's climate gave rise to the development of water for irrigation, and how this development led to dairy and cattle industries and the need for alfalfa. Unit is aligned to the Content Standards for California Public Schools.

Grades 4-6  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

## Almonds

► **Indicates new for 2011-2012**

### Almond Fact and Activity Sheet

This California-specific fact sheet includes information on almond production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about almonds.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

### Almond Information Sheets

Visit the Blue Diamond website for general and nutritional information about almonds.

Grades K-12  
Free online information

Blue Diamond  
Post Office Box 1768  
Sacramento, CA 95812  
Phone: (916) 442-0771  
Fax: (916) 325-2880  
Website: [www.bluediamond.com](http://www.bluediamond.com)

### ► An Almond Story

This 20-page activity book provides students with information about how almonds grow and the many processes they undergo before arriving in the grocery store. Activities include mazes, fill-in the blanks, poems, word problems, coloring, and more.

Grades 2-5  
Free; also available online

Almond Board of California  
1150 9th Street, Suite 1500  
Modesto, CA 95354  
Phone: (209) 550-5495  
E-mail: [jkonschak@almondboard.com](mailto:jkonschak@almondboard.com)  
Website: [www.almondboard.com](http://www.almondboard.com)

## Ants

Also see **Insects** listings

### Ant Homes Under the Ground

These five activities delve into many aspects of these fascinating social insects. Students learn about ant body structure, jobs, and homes by observing ants in nature and in an ant farm. Many role-play activities and games included.

Grades PreK-1  
\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

### Red Imported Fire Ants: Facts About These Interesting Insects

This booklet is designed to provide teachers with facts and activities to teach children about Red Imported Fire Ants, a potentially dangerous and destructive insect to the people, animals, and plants of California.

Grades 2-3  
Free; available online only

California Department of Food and Agriculture  
1220 N Street  
Sacramento, CA 95814  
Phone: (916) 654-0462  
Fax: (916) 657-4240  
Website: [www.fireant.ca.gov](http://www.fireant.ca.gov)

## Apples

Also see **Fruit** listings

► **Indicates new for 2011-2012**

### Albert Whitman & Company Materials

#### Apples Here!

Written and illustrated by Will Hubbell, this picture book describes the life cycle of apples and the ways people consume them. Technical information is provided in the back of the book.

Grades PreK-3  
\$16.99

### ► Golden Delicious: A Cinderella Apple Story

Written by Anna Egan Smucker and illustrated by Kathellen Kemly, this picture book is based on real events about the origin of the Golden Delicious apple.

Grades 1-3  
\$16.99

Albert Whitman & Company  
250 South Northwest Highway, Suite 320  
Park Ridge, IL 60068  
Toll free: (800) 255-7675  
Fax: (847) 232-2800  
E-mail: [mail@awhitmanco.com](mailto:mail@awhitmanco.com)  
Website: [www.albertwhitman.com](http://www.albertwhitman.com)

### ► Apple Ag Mag

Classroom sets of 30 agriculture magazines explore the production of apples. Topics include apple production, history, growth, varieties, and careers.

Grades 4-6  
\$5 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### California Apple Commission

A free information packet provides the history of apples and the nutritional value of apples. Information is available on the website.

Grades K-adult  
Free

California Apple Commission  
770 East Shaw, Suite 310  
Fresno, CA 93710  
Phone: (559) 225-3000  
Fax: (559) 225-3111  
Website: [www.calapple.org](http://www.calapple.org)

### U.S. Apple Association

The U.S. Apple Association provides a variety of materials on apples and apple nutrition, including lesson plans and support materials.

Grades K-6  
Free

U.S. Apple Association  
8233 Old Courthouse Road, Suite 200  
Vienna, VA 22182-3816  
Phone: (703) 442-8850  
Fax: (703) 790-0845  
Website: [www.usapple.org](http://www.usapple.org)

## Artichokes

Also see [Vegetables](#) listings

### Artichokes Fact and Activity Sheet

This California-specific fact sheet includes information on artichoke production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on artichokes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Aviation

### California Agricultural Aircraft Association Materials

#### Agriculture's Air Force

A 15-minute video on how aviation is used in agriculture.

Grades K-12

#### Elementary-Level Educational Curriculum Guide

This engaging curriculum guide teaches students about agricultural aviation.

Grades 1-5  
Free

## Secondary-Level Educational Curriculum Guide

This lesson guide includes lessons, facts, and definitions associated with agricultural aviation.

Grades 6-10

Free

California Agricultural Aircraft Association  
1404 B Flightline Drive  
Lincoln, CA 95648  
Phone: (916) 645-9747  
Fax: (916) 645-9749  
E-mail: [CAAA@psyber.com](mailto:CAAA@psyber.com)  
Website: [www.caaa.net](http://www.caaa.net)

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## Avocados

### Avocado Fact and Activity Sheet

This California-specific fact sheet includes information on avocado production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on avocados.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Kids, Parents and Teachers Content on CaliforniaAvocado.org

Content dedicated to kids, parents, and teachers. The *Kids Only* section features recipes, games, and educational activities. The *Parents and Teachers* sections feature avocado nutritional information.

Grades K-6

Free; available online only

California Avocado Commission  
12 Mauchly, Suite L  
Irvine, CA 92618  
Phone: (949) 341-1955  
Fax: (949) 341-1970  
Website: [www.CaliforniaAvocado.com](http://www.CaliforniaAvocado.com)

## Bats

### Bats Incredible!

Enlighten students about the bat's unique and indispensable role in ecosystems. Through 22 hands-on activities, students learn about the physical characteristics of bats, specifically how they fly and use echolocation. This 138-paged conceptual unit provides a natural integration of life (bats), earth (caves), and physical (aerodynamics and sound) science. Includes a DVD with printable student pages and 20 photographs of bats and their various habitats.

Grades 2-4

\$21.95 plus s/h and tax; request item #1125

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

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## Beans

Also see **Crops** and **Soybeans** listings

### Dry Bean Fact and Activity Sheet

This California-specific fact sheet includes information on dry bean production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on dry beans.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Super Soybeans Lesson Booklet

The soybean has many important roles in our lives, from the food we eat to the products we use to clean. This lesson booklet explores the many uses of soybeans and can be used to teach skills in science, social studies, and math. Lessons complement the book, "The Super Soybean," by Raymond Bial.

Grades 4-6

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aipc@ilfb.org](mailto:aipc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Beef Cattle

Also see [Food Safety](#), [Livestock](#), and [Nutrition](#) listings

### ► Indicates new for 2011-2012

## American Farm Bureau Foundation for Agriculture Materials

### Beef Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores the production of beef. Topics include nutrition, environmental issues, grazing lands, food safety, history, breeds, anatomy, and vocabulary.

Grades 4-6

\$5

### Beef Ag Mag Teacher's Guide

This 25-page teacher's guide accompanies the Beef Ag Mag, providing an activity for each section. Includes graphs, geographic and nutritional information.

Grades 4-6

1-49 copies, \$4 each

50+ copies, \$3 each

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Beef Fact and Activity Sheet

This California-specific fact sheet includes information on beef production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on beef.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## California Beef Council Materials

### Basics About Beef

This colorful, 24-page booklet for consumer science students covers the nutritional benefits of beef as well as all aspects of buying, storing, preparing, and serving beef. The 8 ½" x 11" booklet also contains word puzzles which offer an interesting way to reinforce and review the information found in the booklet. Answers to games and puzzles are available in the download section of [www.teachfree.com](http://www.teachfree.com).

Grades 5-12

Free

### Beef Ag Mag

A four-page agricultural newspaper for kids. This newspaper talks about cattle and the environment, beef statistics, nutritional information, food safety, branding, beef vocabulary, beef breeds, and more.

Grades 3-9

Free

### Beef in Brief

This teaching kit focuses on telling the beef production story to middle school students as part of a social studies curriculum. It illustrates the role that cattlemen play in producing a food product and educates children about American agriculture and the beef industry in particular. The kit includes a brochure with six reproducible activity masters. This resource is aligned with California Content Standards.

Grades 5-8

Free

### Beefman

With this activity booklet about beef, kids can have fun doing word finds, crossword puzzles, and more while learning about beef.

Grades K-6

Free

**Caretakers All**

This environmental education teaching kit was developed to help teach students the principles of environmental stewardship, animal husbandry and, ultimately, good “caretaking.” The kit includes a 21-page teacher’s guide consisting of six lessons, a CD containing reproducible photos and activity sheets for each lesson, and more. This resource is aligned with California Content Standards.

Grades 5-8  
Free

**Celebrate America**

This social studies supplement provides students the opportunity to explore the foods and traditions of their own individual cultural backgrounds and gather information about how and when their families came to America. The kit includes a video, leader’s guide containing activity masters, and a full-color poster. This resource is aligned with California Content Standards.

Grades 4-5  
Free

**Choose Well**

This teaching kit focuses on nutrient-rich protein beef while bringing the nutrient-density message of MyPyramid and the dietary guidelines to life. The kit is a math and nutrition curriculum and contains a teacher’s guide, CD-ROM game, 15-minute DVD, 17 reproducible handouts, MyPyramid poster, and more. This resource is aligned with California Content Standards.

Grades 4-5  
Free

**Things We Can Learn From a Cow and a Worm**

Colorful education poster with accompanying activities demonstrates the positive role ruminants, especially cattle, play in our environment. A teacher’s guide and reproducible master are printed on the reverse side. This resource is aligned with California Content Standards.

Grades 5-6  
Free

**Wow That Cow**

An informational tri-fold brochure designed for kids to understand the many significant contributions cattle provide for humans and the environment. Also includes by-products information and nutritional information about beef.

Grades 4-12  
Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

**► Cattle Country**

This four-page, full-color pamphlet is designed to teach children about life on a cattle ranch, beef nutrition, and everyday by-products. The pamphlet uses kid-friendly activities such as “I Spy,” word searches, crosswords, drawing, and other fun activities.

Grades 3-4  
Free class set  
Include mailing address and quantity with your request

Kern County CattleWomen  
22474 Walser Road  
Caliente, CA 93518  
Phone: (661) 867-2906  
E-mail: [kcteachersag@aol.com](mailto:kcteachersag@aol.com)

**Bees**

Also see **Honey**, **Insects**, and **Mathematics** listings

**► Indicates new for 2011-2012****► The Bee Book**

This resource includes interesting facts and fun activities about honey bees. Topics include types of bees, pollination, the “bee dance,” and Colony Collapse Disorder.

Grades 2-5  
Free; available online only

Häagen-Dazs  
5929 College Avenue  
Oakland, CA 94618  
Toll free: (800) 767-0120  
Website: [www.helpthehoneybees.com](http://www.helpthehoneybees.com)

**Buzzing a Hive**

This guide explores the complex social behavior, communication, and hive environment of the honey bee through activities that mix art, literature, role-play, and drama.

Grades K-3

\$20 plus shipping and tax

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

**Dadant & Sons Materials****► Honey Bee Coloring Book**

Students can have fun coloring while they learn about bees and honey in this 24-page booklet. Also includes activities.

K-6

\$0.29

**Honey Bee Life Cycle Chart**

Poster-sized chart illustrates the life cycle of queen, worker, and drone honey bees.

Grades 3-12

\$14.65 plus s/h, tax

**Honey Bee Study Prints**

Twelve 13" x 18" color enlargements depicting various honey bee behavioral characteristics and beekeeping scenes. Instructional materials, printed on the back of each color photograph, tell what can be observed and learned from the picture, asks questions, gives additional information on the subject, and suggests other sources of information.

Grades K-12

\$26.95 plus s/h, tax

Dadant & Sons  
2765 South Golden State Boulevard  
Post Office Box 2819  
Fresno, CA 93745  
Phone: (559) 495-0230  
Toll free: (877) 432-3268  
Fax: (559) 495-0232  
E-mail: [dadantca@dadant.com](mailto:dadantca@dadant.com)  
Website: [www.dadant.com](http://www.dadant.com)

**► What's the Buzz on Bees?**

This 75-page resource contains lessons, articles, diagrams, and activities that teach elementary students about the biology of honey bees and flowers, the history of bees in the U.S., and the important role bees play in agriculture. Includes a glossary, background information, and answer sheets for teachers.

Grades K-5

Free; available online only

Florida Department of Agriculture and Consumer Services,  
Division of Plant Industry  
Post Office Box 147100  
Gainesville, FL 32614-7100  
Phone: (352) 372-3505 ext. 102  
E-mail: [feiberd@doacs.state.fl.us](mailto:feiberd@doacs.state.fl.us)  
Website: [www.doacs.state.fl.us/pi/plantinsp/abb.html](http://www.doacs.state.fl.us/pi/plantinsp/abb.html)

**Biotechnology**

Also see **Careers**, **Genetics**, and **Science** listings

**► Indicates new for 2011-2012****American Farm Bureau Foundation for Agriculture Materials****Biotechnology Ag Mag**

This magazine covers a biotechnology timeline, a discussion on DNA structure and function, information on future foods and medicines, and a list of careers.

Grades 4-6

\$5

**Bringing Biotechnology to Life Video**

This 20-minute video provides an excellent introduction to the applications of biotechnology in food, fuel, and medicine. Designed for middle school audiences, it can be used with any group that does not understand biotechnology. A 50-page teacher's guide includes a timeline activity, introduction to biotechnology, finding your own DNA, and labeling.

Grades 7-12

\$18.50

Teacher's Guide \$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)



### Biotechnology at Your Desktop CD-ROM

This CD-ROM has step-by-step video clips, flash animation, and printed instructions to help teachers and students complete seven biotechnology labs.

Grades 7-12

\$6 plus s/h; quantity discounts available

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenb@nefb.org](mailto:ellenb@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

#### ► Biotechnology in the Field

This unit consists of six lessons about biotechnology used in agricultural production. Through background information from realistic memos, board meetings, and experiments, students are asked to address the challenge of maintaining cotton production with a diminishing water supply. Aligned to the Content Standards for California Public Schools.

Grades 9-12

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

#### Biotechnology Industry Organization

A variety of basic and detailed information on biotechnology, including genetic engineering, is available.

Grades 7-12

Free online information

Biotechnology Industry Organization  
1201 Maryland Avenue SW, Suite 900  
Washington, DC 20024  
Phone: (202) 962-9200  
Fax: (202) 488-6301  
E-mail: [info@bio.org](mailto:info@bio.org)  
Website: [www.bio.org](http://www.bio.org)

### Biotechnology Institute

The mission of this organization is to engage, excite, and educate the public, particularly youth, about biotechnology and its potential for resolving challenges in human health, food, and the environment. A variety of programs and conferences are available for those who wish to have a career in biotechnology.

Grades 7-adult

Free online information

Biotechnology Institute  
1201 Maryland Avenue SW, Suite 900  
Washington, DC 20024  
Phone: (202) 312-9269  
Fax: (202) 488-6301  
E-mail: [info@biotechinstitute.org](mailto:info@biotechinstitute.org)  
Website: [www.biotechinstitute.org](http://www.biotechinstitute.org)

#### Council for Biotechnology Information

This organization's purpose is to share information about biotechnology, relying on scientific research, expert opinion, and published reports. Free information includes a brochure, *Biotechnology: Good Ideas Are Growing*, and an activity book for children, *Look Closer at Biotechnology*.

Grades K-adult

Free online information

Council for Biotechnology Information  
1201 Maryland Avenue SW, Suite 900  
Washington, DC 20024  
Phone: (202) 962-9200  
Website: [www.whybiotech.com](http://www.whybiotech.com)

#### ► Exploring Biodiversity: The Search for New Medicines

This DVD showcases four presentations from doctors that reveal how a deeper understanding of nature and biodiversity transforms research into new medicines. Poster also available.

Grades 9-adult

Free

Howard Hughes Medical Institute  
4000 Jones Bridge Road  
Chevy Chase, MD 20815  
Phone: (301) 215-8500  
Website: [www.bhmi.org](http://www.bhmi.org)

### Food Biotechnology: A Communications Guide to Improving Understanding

This speaker's manual, which includes background information, hands-on activities, PowerPoint presentations, and more, prepares speakers in the food community about biotechnology. It discusses current issues and the history of biotechnology. Other resources also available online.

Grades 9-adult  
\$19.95, quantity discounts available

International Food Information Council Foundation (IFIC)  
Attn: Understanding Our Food/Farm to Fork Resources  
1100 Connecticut Avenue NW, Suite 430  
Washington, DC 20036  
Phone: (202) 296-6540  
Fax: (202) 269-6547  
Website: [www.foodinsight.org](http://www.foodinsight.org)

### ► Genetically Modified Crops: Resources for Environmental Literacy

This resource illustrates how to use the issues surrounding GM crops as a powerful learning tool for teaching about the nature of science, genetics, and technology. Includes background information for teachers, a suggested teaching approach, and student activities and materials.

Grades 9-12  
\$10.95 plus s/h; also available online

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Seed Biotechnology Center Website

This website contains detailed information about seed biotechnology and includes scientific publications and links for the in-depth study of biotechnology.

Grades 10-adult  
Free online information

The Seed Biotechnology Center  
University of California  
One Shields Avenue  
Davis, CA 95616  
Website: [sbc.ucdavis.edu](http://sbc.ucdavis.edu)  
Website: [www.plantsciences.ucdavis.edu](http://www.plantsciences.ucdavis.edu)  
Website: [rics.ucdavis.edu](http://rics.ucdavis.edu)  
Website: [pba.ucdavis.edu](http://pba.ucdavis.edu)

### Teaching Science: Biotechnology Resources

Sponsored by Monsanto, this site contains a variety of educational materials that can assist educators in teaching about biotechnology. Educators will find resources to lead in-class experiments and conduct research about plant biotechnology. The "Ask a Scientist" feature provides personalized answers to student inquiries.

Grades 9-adult  
Free; available online only

Teaching Science  
Website: [www.teachingscience.org](http://www.teachingscience.org)

### Virtual Plant Biotechnology and Genomics Laboratory

This software program immerses students in five different scenarios. In each case, students research and isolate a gene of interest, transform a virtual plant, and explore the controversial issues surrounding transgenic crops. In addition to gaining familiarity with equipment and techniques in the virtual lab, students are provided with topical readings, background information, and videos of researchers at work.

Grades 9-adult  
Free; also available online

Barbara Soots  
Department of Plant Pathology  
University of California, Davis  
One Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-6552  
Fax: (530) 754-4410  
E-mail: [besoots@ucdavis.edu](mailto:besoots@ucdavis.edu)  
Website: [pbge.ucdavis.edu](http://pbge.ucdavis.edu)

## Birds

Also see **Wildlife** listings

### Flying WILD

Flying WILD, a program of the Council for Environmental Education, introduces middle school students to bird conservation through standards-based classroom activities and environmental stewardship projects. Flying WILD encourages schools to work closely with conservation organizations, community groups, and businesses involved with birds to implement school bird festivals—events in which students take a leading role in teaching their classmates and community about migratory birds. A national network of urban partners will provide educators with Flying WILD training and materials, including the program guide, Flying WILD: An Educator's Guide to Celebrating Birds.

Grades K-8

Free online information

Project Wild National Office  
5555 Morningside Drive, Suite 212  
Houston, TX 77005  
Phone: (713) 520-1936  
Fax: (713) 520-8008  
E-mail: [info@projectwild.org](mailto:info@projectwild.org)  
Website: [www.projectwild.org](http://www.projectwild.org)  
Website: [www.flyingwild.org](http://www.flyingwild.org)  
Website: [www.councilforee.org](http://www.councilforee.org)  
Website: [www.birddedication.org](http://www.birddedication.org)

### Native Bird Connections

This organization and website have information and lesson ideas that teach students and the public about the natural world around them using birding as the focus.

Grades 2-adult

Free online information

Native Bird Connections  
PMB 156-6680 Alhambra Avenue  
Martinez, CA 94553-6105  
Phone: (925) 963-9753  
Fax: (925) 284-5013  
E-mail: [buteo@nativebirds.org](mailto:buteo@nativebirds.org)  
Website: [www.nativebirds.org](http://www.nativebirds.org)

## Understanding Avian Influenza

A lesson plan for high school science students. Develop your students' problem-solving skills and knowledge using a real life application: the spread of highly pathogenic avian influenza (H5N1) in poultry and wild birds. [www.csrees.usda.gov/avianlessonplan.pdf](http://www.csrees.usda.gov/avianlessonplan.pdf).

Grades 8-12

Free; available online only

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

## Blueberries

### U.S. Highbush Blueberry Council Materials

#### Blueberry Power! Menu Activities

One side of this activity sheet includes recipes, facts, and games. The other side provides a bordered white space for school food managers to print the monthly lunch menu.

Grades K-8

Free

#### Get the Scoop on Blueberries Poster

Colorful wall poster that includes fun facts and snack ideas.

Grades K-8

Free

#### Learning Activity Sheets

Students practice math and reading skills on these downloadable activity sheets. Activities build skills in math, language arts, and social studies.

Grades 3-4, 5-6

Free, available online

**U.S. Highbush Blueberry Council**

This website provides basic information on the blueberry industry and information on how these berries are grown.

Grades 3-adult  
Free online

U.S. Highbush Blueberry Council  
80 Iron Point Circle  
Suite 114  
Folsom, CA 95630  
Phone: (916) 983-0111  
Fax: (916) 983-9022  
E-mail: [info@blueberry.org](mailto:info@blueberry.org)  
Website: [www.blueberry.org](http://www.blueberry.org)

**Botany**

Also see **Gardening, Horticulture, Science,** and individual listings

**AIMS Education Foundation Materials****The Budding Botanist: Investigations With Plants**

Investigate how the structure and function of flowers, leaves, roots, and stems help plants live, grow, and reproduce. Students develop content knowledge along with process skills such as observing, measuring, organizing, data, and communicating results. Includes 26 activities over 122 pages, and a CD with printable student pages.

Grades 3-6  
\$21.95 plus s/h; request item #1213

**Primarily Plants**

Students explore plant growth, seeds and spores, plant needs, and plant parts. They dissect seeds and create plastic bag gardens. Includes 29 activities on 196 pages and a CD with printable student pages.

Grades K-3  
\$24.95 plus s/h, tax; request item #1105

**Sensational Springtime**

Engage students in planting seeds, flying kites, exploring the attributes of eggs, and much more with these spring-related math and science investigations. Five sections feature 24 activities in 142 pages that include "Sowing and Growing," "Parents and Their Offspring," "Blowing in the Wind," "Earth Day Every Day," and "Data Collection and Organization."

Grades K-2  
\$21.95 plus s/h, tax; request item #1118

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

**PlantingScience.org**

PlantingScience is a learning and research resource bringing together students, plant scientists, and teachers from across the nation. Students engage in hands-on plant investigations, working with peers and scientist mentors to build collaborations and to improve their understanding of science.

Grades 6-12  
Free online

Botanical Society of America Business Office  
Post Office Box 299  
St. Louis, MO 63166-0299  
Phone: (314) 577-9566  
Fax: (314) 577-9515  
E-mail: [bsa-manager@botany.org](mailto:bsa-manager@botany.org)  
Website: [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers)  
Website: [www.PlantingScience.org](http://www.PlantingScience.org)

**Plants Database**

This website, maintained by the Natural Resource Conservation Service, provides a single source of standardized information about plants. It includes a monthly plant feature and information, both general and technical, on most plants in North America.

Grades 4-adult  
Free; available online only

Plants Database  
Website: [plants.usda.gov](http://plants.usda.gov)

## Root-Vue Farm

Observe what plant roots really look like underground with this specially designed kit that has a root-viewing window. Comes with seeds and instructions.

Grades 1-6

\$26.99 plus shipping and tax

Insect Lore  
Post Office Box 1535  
132 Beech St.  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

## Wisconsin Fast Plants/Bottle Biology Notes

Website provides teachers with lesson plans and teaching ideas using the quick-growing Wisconsin Fast Plants. Can be read at and downloaded from the Wisconsin Fast Plants website. Workshops available.

Grades K-12

Available free online

Wisconsin Fast Plants  
University of Wisconsin-Madison  
1630 Linden Drive  
Madison, WI 53706  
Fax: (608) 263-0744  
E-mail: [info@fastplants.org](mailto:info@fastplants.org)  
Website: [www.fastplants.org](http://www.fastplants.org)

## Bread

Also see **Wheat** listing

### Magic Dough Show Breadmake Box

In this hands-on activity, each child measures ingredients for a loaf of honey wheat bread. Students work in pairs and learn about yeast, wheat, and other components of bread. Aprons, bowls, measuring utensils, pans, yeast, honey, salt, and full instructions are included. Each box makes 30 loaves. Each child makes a one-pound loaf of bread to take home. Free 7 ½ minute DVD activity overview available upon request with purchase. Free online curricula is also available.

Grades K-8

14-loaf kit \$26.95 plus s/h

30-loaf kit \$51.95 plus s/h

Total Health Intl Inc - Breadmake  
18125 Dogwood Drive  
Conroe, TX 77303  
Phone: (936) 264-3478  
E-mail: [breadmake@aol.com](mailto:breadmake@aol.com)  
Website: [www.breadmake.com](http://www.breadmake.com)

## Cantaloupe

### Cantaloupe Fact and Activity Sheet

This California-specific fact sheet includes information on cantaloupe production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on cantaloupes.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Careers

Also see **Biotechnology** listings

### ► Indicates new for 2011-2012

### Agriculture—The Natural Choice

This brochure describes ag-related career opportunities, focusing on six categories and highlighting eight career choices.

Grades 7-adult

\$5.21 package of 50

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### American Chemical Society

Information on careers in chemistry.

Grades K-12

Free online information

American Chemical Society  
1155 Sixteenth Street NW  
Washington, DC 20036  
Toll free: (800) 227-5558  
Fax: (202) 872-6067  
Website: [www.acs.org](http://www.acs.org)

## American Society of Agricultural and Biological Engineers Materials

### Discover Biological and Agricultural Engineering Careers

This brochure is available for students to learn about careers in these areas.

Grades 9-12  
Free; also available online

### Discover Futures in Agricultural, Food, and Biological Engineering

This special issue of the ASABE member magazine describes career possibilities for students interested in engineering for agricultural, food, and biological systems.

Grades 9-adult  
One free; quantity pricing available

### Explore Careers in Agricultural Systems Management

This special issue of the ASABE member magazine, "Resource," describes careers in agricultural technology and systems management for agricultural, biological, and food systems.

Grades 9-12  
One free; quantity pricing available

American Society of Agricultural and Biological Engineers  
2950 Niles Road  
St. Joseph, MI 49085-9659  
Phone: (269) 429-0300  
Toll free: (800) 371-2723  
Fax: (269) 429-3852  
E-mail: [hq@asabe.org](mailto:hq@asabe.org)  
Website: [www.asabe.org](http://www.asabe.org)

### Bringing Agriculture to Life

This interactive CD-ROM introduces students to agricultural careers. It includes a trivia game called the "Know Show," a career interest inventory, and a "Career Challenge" game. The disk also includes white papers on issues facing today's agriculture. The career information is general in nature, but does have specific areas and ranges for Tennessee. It was produced as a joint effort between the Farm Bureau, Extension Service, and Farmers Co-op with partial funding from the Tennessee Department of Agriculture.

Grades 7-12  
\$5

Tennessee Foundation for Agriculture in the Classroom  
Post Office Box 313  
Columbia, TN 38402  
Phone: (931) 388-7872 ext. 2217  
Fax: (931) 388-5818  
E-mail: [ccurtis@tbf.com](mailto:ccurtis@tbf.com)  
Website: [www.tnfarmbureau.org](http://www.tnfarmbureau.org)

## California Association of Nurseries and Garden Centers Materials

### Choose Horticulture

This flier on careers in horticulture lists colleges and universities with programs available throughout the state.

Grades 7-12  
Free

### High School Horticulture Certification

The purpose of this certification is to improve the quality of horticulture programs, curriculum, and facilities; increase career awareness in the horticulture industry; and encourage students to continue their education toward a career in horticulture.

Grades 9-12  
Free

California Association of Nurseries and Garden Centers  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 928-3900  
Fax: (916) 567-0505  
E-mail: [info@cangc.org](mailto:info@cangc.org)  
Website: [www.cangc.org](http://www.cangc.org)

### California Colleges

This website has a variety of materials about California colleges and universities. Under the "explore colleges" section, one can search for agricultural careers using "agriculture" as the search topic.

Grades 6-12  
Available online

California Colleges  
Website: [www.californiacolleges.edu](http://www.californiacolleges.edu)

### Career Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set focused on a wide array of careers in agriculture.

Grades 4-6  
\$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Career Opportunities in Wood Science and Technology

Information on various careers in wood science and technology, including manufacturing, marketing, and research positions.

Grades 7-12

Free; available online only

Society of Wood Science and Technology  
Post Office Box 6155  
Monona, WI 53716  
Phone: (608) 577-1342  
Fax: (608) 467-8979  
E-mail: [vicki@swst.org](mailto:vicki@swst.org)  
Website: [www.swst.org](http://www.swst.org)

## Careers in Botany

This online resource provides information and examples about the possible careers associated with botany. Includes profiles and statements from Botanical Society of America members. Visit [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers).

Grades 7-adult

Free online information

Botanical Society of America Business Office  
Post Office Box 299  
St. Louis, MO 63166-0299  
Phone: (314) 577-9566  
Fax: (314) 577-9515  
E-mail: [bsa-manager@botany.org](mailto:bsa-manager@botany.org)  
Website: [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers)  
Website: [www.PlantingScience.org](http://www.PlantingScience.org)

## Careers in Plant Pathology

This brochure describes careers in plant pathology, a science that specializes in plant health.

Grades 7-12

Free; also available online

American Phytopathological Society  
3340 Pilot Knob Road  
Saint Paul, MN 55121  
Phone: (651) 454-7250  
Fax: (651) 454-0766  
E-mail: [aps@scisoc.org](mailto:aps@scisoc.org)  
Website: [www.apsnet.org](http://www.apsnet.org)  
Website: [www.apsnet.org/education/K-12PlantPathways](http://www.apsnet.org/education/K-12PlantPathways)

## Grow Your Future

Crop science is the study of growing food, feed, and fiber crops. The brochure defines crop science and its importance, identifies crop scientists and what they do, and provides information on career opportunities.

Grades 7-12

Free; also available online

Crop Science Society of America  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.crops.org](http://www.crops.org)

## ► Incorporating Agriculture into Academia

A set of seven brochures helps teachers and students understand how agriculture relates to high school curriculum and possible agricultural careers related to different subject areas. The brochures complement the Wisconsin Agribusiness Council's booklet "An Agriculture Career for You."

Grades 9-adult

Free; also available online

Wisconsin Agriculture in the Classroom  
Post Office Box 5550  
Madison, WI 53705  
Phone: (608) 828-5719  
Fax: (608) 828-5718  
E-mail: [darneson.fbcenter@wbf.com](mailto:darneson.fbcenter@wbf.com)  
Website: [www.wisagclassroom.org](http://www.wisagclassroom.org)

## National Institute of Food and Agriculture Materials

### Employment Opportunities for College Graduates in the U.S. Food, Agricultural, and Natural Resources System 2005-2010

This study is the sixth in a series of five-year employment opportunities projections initiated by the U.S. Department of Agriculture (USDA). These data are useful for high school counselors, parents, and students as well as college students interested in pursuing careers in agriculture and natural resources. Opportunities for positions in Education, Communication and Governmental Services, Agricultural and Forestry Production, Scientific and Engineering, and Management and Business Occupations are discussed.

Grades 9-12

Free

**Living Science**

This set of full-color 8 ½" x 11" posters depicts 40 science-related careers in food, agriculture, and natural resources. On the back, each includes information on the types of jobs available in those career areas and how high school students can prepare for those jobs.

Grades 6-12  
Free

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

**North Valley and Mountain Biotechnology Center**

This center and website provide basic and detailed information about biotechnology and associated careers.

Grades 8-adult  
Free online information

California Applied Biotechnology Center - North Valley  
American River College  
4700 College Oak Drive  
Sacramento, CA 95841-4286  
Phone: (916) 484-8660  
Fax: (916) 484-8006  
E-mail: [phoenil@arc.losrios.edu](mailto:phoenil@arc.losrios.edu)  
Website: [web.arc.losrios.edu/~biotech](http://web.arc.losrios.edu/~biotech)

**ProStart School to Career Program**

Two-year curriculum, designed for use by high school juniors and seniors, explains how to succeed in restaurant and food service careers. Based upon best industry practices and standards.

Grades 7-12  
Free online information

California Restaurant Association  
Educational Foundation  
621 Capitol Mall, Suite 2000  
Sacramento, CA 95814  
Phone: (916) 447-5793  
Toll free: (800) 765-4842  
Website: [prostart.restaurant.org](http://prostart.restaurant.org)  
Website: [www.calrest.org](http://www.calrest.org)

**Society of American Florists**

This website describes the positions available in the floriculture industry and includes educational guidelines for these careers.

Grades 7-12  
Free online information

Society of American Florists  
1601 Duke Street  
Alexandria, VA 22314  
Phone: (703) 836-8700  
Toll free: (800) 336-4743  
Fax: (703) 836-8705  
Website: [www.safnow.org](http://www.safnow.org)

**Soils Sustain Life**

Soil science is the study of earth's land and water resources as they relate to agriculture, forestry, rangeland, ecosystems, urban uses, and mining and reclamation. This brochure defines soil science and its importance, identifies soil scientists and what they do, and provides information about career opportunities.

Grades 7-12  
Free

Soil Science Society of America  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.soils.org](http://www.soils.org)

**Work in the Woods Career Brochure**

Full color brochure explores the numerous career opportunities in the field of natural resources. Also offers resources for further research.

Grades 7-12  
Free

The Forest Foundation  
853 Lincoln Way, Suite 104  
Auburn, CA 95603  
Phone: (530) 823-2363  
Toll free: (866) 241-8733  
Fax: (530) 823-1850  
E-mail: [se@calforestfoundation.org](mailto:se@calforestfoundation.org)  
Website: [www.calforestfoundation.org](http://www.calforestfoundation.org)



## Carrots

Also see **Vegetables** listings

### Fresh Carrots Fact and Activity Sheet

This California-specific fact sheet includes information on fresh carrot production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts about carrots.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Grimmway Farms

The Grimmway Farms website has information about carrots, including how to grow them in the classroom, history, trivia, and more. The site includes information about organic fruits and vegetables.

Grades 2-adult  
Free online information

Grimmway Farms  
Website: [www.grimmway.com](http://www.grimmway.com)

## Cheese

Also see **Dairy** listings

### Hilmar Cheese Company Materials

#### Cow to Calcium Virtual Tour

Join “Daisy” as she takes you on a virtual tour from “Cow to Calcium.” Education section of website features virtual tour (with animated graphics) and printable activity pages. View [www.hilmarcheese.com/CowTour.cms](http://www.hilmarcheese.com/CowTour.cms).

Grades PreK-adult  
Free

### Daisy Dairy ABC's All aBout Cheese

This student activity booklet, aligned to the state content standards, provides information on cows, cheese production, recycling, and careers in agriculture.

Grades K-6  
\$.50

Hilmar Cheese Company Visitor Center  
9001 North Lander Avenue  
Hilmar, CA 95324  
Phone: (209) 656-1196  
Toll free: (800) 577-5772  
Fax: (209) 656-1116  
E-mail: [dskidmore@hilmarcheese.com](mailto:dskidmore@hilmarcheese.com)  
Website: [www.hilmarcheese.com](http://www.hilmarcheese.com)

### The Story of California Milk; The Cheesemakers

These two videos give behind-the-scenes looks at how milk goes from cow to carton in your local supermarket and show each step from separating curds and whey to packaging aged cheese for distribution.

Grades 6-adult  
Free; available online

California Milk Advisory Board  
400 Oyster Point, Suite 211  
South San Francisco, CA 94080  
Phone: (650) 871-6455  
Toll free: (800) 871-3444  
Fax: (650) 583-7328  
Website: [www.RealCaliforniaMilk.com](http://www.RealCaliforniaMilk.com)

## Cherries

### ► Indicates new for 2011-2012

#### California's Perfect Snack

Information on California's cherry production. Includes data on nutrition, varieties, packing, marketing, and more.

Grades K-12  
One copy free

California Cherry Advisory Board  
Post Office Box 877  
Lodi, CA 95241  
Phone: (209) 368-0685  
Fax: (209) 368-4309  
Website: [www.calcherry.com](http://www.calcherry.com)

### ► Cherry Fact Sheet

This California-specific fact sheet includes information on cherry production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on cherries.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Cherry Marketing Institute

This website has information on health and nutrition of tart cherries.

Grades 5-adult

Free online information

Cherry Marketing Institute  
Post Office Box 30285  
Lansing, MI 48909-7785  
Phone: (517) 669-4264  
E-mail: [info@choosecherries.com](mailto:info@choosecherries.com)  
Website: [www.choosecherries.com](http://www.choosecherries.com)

## Chickens

### ► Indicates new for 2011-2012

### California Poultry Federation Materials

#### Chicken—From the Egg to Your Table

Learn about the chicken: its history and its stages from the egg to your table in this ready-to-reproduce unit. A CD of the unit—which includes virtual reality tours and pictures of chickens on the farm, at the hatchery, and milling and feeding, as well as video footage on poultry production—is also available. Aligned with the Content Standards for California Public Schools.

Grades 4-6

Free

### ► Poultry and Egg Production Curriculum

This CD and DVD combo offers a comprehensive look at the commercial poultry and egg industries. The lesson plans are aligned to the California Agriculture Career Technical Education (CTE) Standards and include corresponding presentation slides. Also includes a 10-minute video about the various careers available in the poultry industry.

Grades 6-adult

Free

California Poultry Federation  
4640 Spyres Way, Suite 4  
Modesto, CA 95356  
Phone: (209) 576-6355  
Fax: (209) 576-6119  
E-mail: [califpoultry@cs.com](mailto:califpoultry@cs.com)  
Website: [www.CPIF.org](http://www.CPIF.org)

### National 4-H Cooperative Curriculum System, Inc. Materials

#### ► Embryology: Chick Development Poster

This 16" x 22" poster features photos of embryo development and serves as a training aid. Shows development from day 3 through day 19.

Grades 6-12

\$5 plus s/h

#### ► Poultry Youth Activity Guide Set

This set includes three poultry activity guides and a helper's guide. Each guide introduces students to a variety of poultry facts and knowledge, including poultry anatomy, eggs, feathers, careers, and more.

Grades 3-5, 6-8, 9-12

\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## ► Poultry and Egg Shell Grading for Quality Teachers Kit

Materials include three brochures and two fact sheets for teachers about quality grading and the grade shield, an 11" x 17" poster for classroom display, and four lesson plans about purchasing and safe handling.

Grades 9-adult  
Free

USDA Agricultural Marketing Service  
1400 Independence Avenue SW, Mail Stop 0259  
Washington, DC 20250  
Phone: (202) 720-2930  
Website: [www.ams.usda.gov](http://www.ams.usda.gov)

## Chocolate

### How is Chocolate Made?

This book illustrates the process from cocoa bean to candy bar. Includes an overview of the sources of different ingredients that give some bars a particular taste and a detailed look at the factories and workers that make the product.

Grades 1-3  
\$7.99 softcover, \$17.75 hardback plus s/h and tax

Heinemann-Raintree Classroom  
1 North LaSalle Street, 18th Floor  
Chicago, IL 60602  
Phone: (815) 479-9722  
Toll free: (866) 720-7683  
Fax: (815) 477-0709  
Website: [www.heinemannclassroom.com](http://www.heinemannclassroom.com)  
Website: [www.heinemannraintree.com](http://www.heinemannraintree.com)

## Citrus

### California Foundation for Agriculture in the Classroom Materials

#### Citrus Fruits Fact and Activity Sheet

This California-specific fact sheet includes information on citrus fruit production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on citrus fruits.

Grades 6-adult  
Free; also available online

### A "Sour" Subject

Students reinforce their skills of observation, mathematical computation, and written expression by comparing and contrasting grapefruits and lemons.

Grades 5-6  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Commodities

Also see individual commodity listings

### Agricultural Fact and Activity Sheets

These California-specific fact sheets include information on commodity production, history, nutrition, top producing counties, and economic value. The activity sheets provide specific lesson ideas and interesting facts for each topic. Commodities include agricultural water, alfalfa, almonds, artichokes, asparagus, avocados, beef, cantaloupe, cherries, citrus fruits, cling peaches, cherries, corn, cotton, cut flowers, dairy, dried plums, dry beans, forest resources, fresh carrots, mushrooms, pears, pistachios, plant nutrients-nitrogen, plant nutrients-phosphorus, plant nutrients-potassium, processing tomatoes, rice, spinach, table grapes, strawberries, and walnuts.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Corn

Also see **Crops** listing

### ► Indicates new for 2011-2012

#### ► Corn Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores corn. Topics include corn as an export, a renewable resource, and for use as a fuel and bioplastic.

Grades 4-6  
\$5 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

#### Corn Fact and Activity Sheet

This California-specific fact sheet includes information on corn production, history, and nutritional value. The activity sheet provides specific lesson ideas and interesting facts on corn.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

#### Exploring Corn!

This booklet offers cross-curricular activities for students to explore dent corn, sweet corn, and popcorn. Information is also included about broom corn, a type of sorghum, which is in the same family as corn.

Grades 4-6  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## The MAiZe

This website provides a listing of numerous corn mazes throughout the state. Lesson plans and field trip information is included.

Grades K-adult  
Free online information

The MAiZe  
Website: [www.cornfieldmaze.com](http://www.cornfieldmaze.com)

## National Corn Growers Association

The National Corn Growers Association website includes an Educational Resource Center for corn and farm-related information. It is designed for primary and secondary educational resources for teachers and parents.

Grades K-12  
Free; available online only

National Corn Growers Association  
632 Cepi Drive  
Chesterfield, MO 63005-1231  
Phone: (636) 733-9004  
Fax: (636) 733-9005  
E-mail: [corninfo@ncga.com](mailto:corninfo@ncga.com)  
Website: [www.ncga.com](http://www.ncga.com)

## Popcorn and Maize

Designed to help children understand what agriculture is and why it is so important. Activities help raise awareness of the diversity of local and national food production, introduce components of farming, and demonstrate basic ecological concepts related to growing food sustainably.

Grades 3-8  
Popcorn: Elementary School, \$19.95  
Maize: Upper Elementary and Middle School, \$19.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## The Popcorn Program

This education teaching guide acquaints students with popcorn, its role in history, its many uses, and its nutritional value through facts and recipes. Interdisciplinary lesson plans for grades K-12 and photos of popcorn in various stages of development are also featured on the website.

Grades K-12  
Free

The Popcorn Board  
401 North Michigan Avenue, Suite 2200  
Chicago, IL 60611-4267  
Phone: (312) 673-4883  
Toll free: (877) POPALOT  
Fax: (312) 527-6783  
E-mail: [gbertalmio@smithbucklin.com](mailto:gbertalmio@smithbucklin.com)  
Website: [www.popcorn.org](http://www.popcorn.org)

## Cotton

Also see **Fibers** listing

### ► Indicates new for 2011-2012

### Crazy About Cotton

This 181-page activity book and DVD provide an opportunity for students to take a close look at cotton from seed to distribution, including planting, irrigation, harvesting, and ginning. Each of the nine film segments ends with an investigative question that leads to the 24 hands-on activities in the book.

Grades 3-7  
\$21.95 plus tax, s/h; request item #1216

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

### ► Be Ag Smart! The Cotton Connection

This student newspaper includes facts about growing cotton and the by-products of cotton. Includes games to educate, stimulate ideas, and increase student awareness of cotton—from field to fabric.

Grades 4-8  
\$5 for a class set

Texas Farm Bureau Agriculture in the Classroom  
Post Office Box 2689  
Waco, TX 76702  
Phone: (254) 751-2258  
Fax: (254) 751-2671  
E-mail: [kschwieters@txfb.org](mailto:kschwieters@txfb.org)  
Website: [www.beagsmart.org](http://www.beagsmart.org)

## Cotton and the Water Connection

This eight-lesson unit has students discover personal connections to cotton, a valuable export, while critically looking at different viewpoints on irrigated agriculture. Lesson topics include water development, California climate and topography, irrigation, drainage, and salinity. Unit is aligned to the Content Standards for California Public Schools and contains Farm Water Works video, cotton boll, cotton seeds, blackline masters, and color photographs.

Grades 4-6  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

### Cotton Fact and Activity Sheet

This California-specific fact sheet includes information on cotton production, history, and economic value. The activity sheet provides specific lesson ideas and interesting facts on cotton.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.AboutAg.org](mailto:info@Learn.AboutAg.org)  
Website: [www.Learn.AboutAg.org](http://www.Learn.AboutAg.org)

### Cotton's Journey—A Field Trip in a Box

This comprehensive kit contains teacher's manual including cotton information and three curriculum units (grades 1-3, 4-6, and 7-8); student booklet; 23-minute DVD; 22" x 34" photographic poster; planting seeds; cottonseed oil; eleven cotton bolls (Pima and Upland varieties); samples of cotton; cotton fabric dictionary; and additional resources from the cotton industry. All lessons are written for multiple subjects and aligned to California and national education standards. DVD is produced in four segments—history, production, harvesting, and processing. Each segment ends with five lessons compatible with teacher's manual. Individual components may be ordered separately.

Grades 1-8

Free brochure

Complete kit, \$36.95 (book version)

Complete kit, \$33.95 (CD version)

Supplemental kit, \$25.95 (teacher and student book, video, planting seeds)

Cotton's Journey

Post Office Box 811

Hanford, CA 93232

Toll free: (800) 698-1888

E-mail: [admin@cottonsjourney.com](mailto:admin@cottonsjourney.com)

Website: [www.cottonsjourney.com](http://www.cottonsjourney.com)

Website: [www.cleverfarmer.com](http://www.cleverfarmer.com)

### National Cotton Council Materials

#### Cotton and the Consumer

Answers some of the frequently asked questions about the history of cotton fabrics and the care of cotton clothes.

Grades 6-12

Free; available online only

#### Cotton and U.S. Currency

Interesting facts about the use of cotton fiber in U.S. currency.

Grades 7-adult

Free; available online only

#### Cotton Counts

Emphasizes the importance of one of America's cornerstone industries and its contributions to America's economic health.

Grades 9-12

Free; available online only

#### ► Cotton: From Field to Fabric

This online PDF describes the major steps involved in producing and processing cotton. Topics include economics of cotton, ginning, yarn production, plant diseases, weed control, and more.

Grades 6-adult

Free; available online only

### Cotton: The Perennial Patriot

Traces cotton's role in the history of our nation since 1607.

Grades 9-12

Free; available online only

### The Many Faces of Cotton

Describes the variety of uses of cotton for fiber, food, and fashion.

Grades 6-12

Free; available online only

### The Story of Cotton

Tells the story of cotton—where and how it is grown and harvested.

Grades 6-12

Free; available online only

### What Can You Make With a Bale of Cotton?

Describes the quantity of items one can make with a bale of cotton.

Grades K-12

Free; available online only

National Cotton Council  
Communications Service Department  
7193 Goodlett Farms Parkway  
Cordova, TN 38016  
Phone: (901) 274-9030  
Fax: (901) 725-0510  
E-mail: [info@cotton.org](mailto:info@cotton.org)  
Website: [www.cotton.org](http://www.cotton.org)

## Cowboys

### Sons of the San Joaquin

This musical group has a passion for educating others about cowboys and cattle. "The Sons Sing for the Young and the Young at Heart" is a collection of music which has accompanying educational materials. School visits are also available.

Grades K-adult

Free information

Sons of the San Joaquin  
491 Herndon Avenue #253  
Clovis, CA 93612  
Toll free: (888) THE SONS  
Website: [www.thesons.com](http://www.thesons.com)

## Cranberries

### Exploring Cranberries

Through three sections of lesson plans and scenarios, students become acquainted with the cranberry, its habitat, its history, and the people involved in cranberry agriculture.

Grades 3-5

\$20 for DVD; also available free online

Cape Cod Cranberry Growers' Association  
3203-B Cranberry Highway  
East Wareham, MA 02538  
Phone: (508) 759-1041  
Fax: (508) 759-6294  
E-mail: [info@cranberries.org](mailto:info@cranberries.org)  
Website: [www.cranberries.org](http://www.cranberries.org)  
Website: [www.exploringcranberries.org](http://www.exploringcranberries.org)

## Crops

### Crop Cards

This full-color set of 10 cards provides illustrations of each crop including wheat, corn, oats, sunflowers, soybeans, sugar beets, alfalfa, sorghum, dry edible beans, and potatoes on the front side and the back side has basic facts. Ten seed samples are included.

Grades K-adult

\$6 for each set of 10 cards and seeds plus s/h

Available free online

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenb@nefb.org](mailto:ellenb@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

## Dairy

Also see **Cheese**, **Goats**, **Livestock**, and **Nutrition** listings

### ► Indicates new for 2011-2012

### California Foundation for Agriculture in the Classroom Materials

#### Dairy Fact and Activity Sheet

This California-specific fact sheet includes information on dairy production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on the dairy industry.

Grades 6-adult

Free; also available online

### Milk Matters: Discovering Dairy

Students discover the many different aspects of life on a dairy farm. From investigating the historical significance of dairy breeds to conquering mathematical business challenges, students will understand why milk matters. This five-lesson unit meets the California State Content Standards in each academic area.

Grades 4-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

### Cows, Calcium and Cheese

An “udderly” fun-filled school program teaches students about life on the farm, explores varied careers in agriculture, and considers nutrition concepts, such as how calcium is linked to health. Two free posters, a CD-ROM, and an activity guide are included—both chock-full of resources. Assessment tool samples help educators address education standards.

Grades K-9

Free

Cabot Vermont  
1 Home Farm Way  
Montpelier, VT 05602  
Phone: (802) 229-9361  
Toll free: (888) 792-2268  
Fax: (802) 371-1200  
Website: [www.cabotcheese.com](http://www.cabotcheese.com)

### Cow to Calcium Virtual Tour

Join “Daisy” as she takes you on a virtual tour from “Cow to Calcium.” Education section of website features virtual tour (with animated graphics) and printable activity pages. View [www.hilmarcheese.com/CowTour.cms](http://www.hilmarcheese.com/CowTour.cms).

Grades PreK-adult

Free

Hilmar Cheese Company Visitor Center  
9001 North Lander Avenue  
Hilmar, CA 95324  
Phone: (209) 656-1196  
Toll free: (800) 577-5772  
Fax: (209) 656-1116  
E-mail: [dskidmore@hilmarcheese.com](mailto:dskidmore@hilmarcheese.com)  
Website: [www.hilmarcheese.com](http://www.hilmarcheese.com)

**Dairy Ag Mag**

Classroom sets of 30 agriculture magazines are provided in a set. Topics covered include nutrition, processing, homogenization, breeds, and careers.

Grades 4-6

\$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**► Dairy Cattle Youth Activity Guide Set**

This set includes three dairy cattle activity guides and a helper's guide. Youth build their dairy knowledge and skills as they complete the hands-on activities included in this series.

Grades 3-5, 6-8, 9-12

\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

**► Dairy Detectives**

This interactive CD-ROM helps students learn about nutrition, dairy cows, and the production of dairy products with activities that support core curriculum.

Grades K-6

Free for select California counties

Dairy Council of California  
1101 National Drive, Suite B  
Sacramento, CA 95834  
Phone: (916) 263-3560  
Fax: (916) 263-3566  
E-mail: [info@dairycouncilofca.org](mailto:info@dairycouncilofca.org)  
Website: [www.dairycouncilofca.org](http://www.dairycouncilofca.org)  
Website: [www.mealsmatter.org](http://www.mealsmatter.org)

**► Discover Dairy**

Each lesson plan in this dairy-related series includes a four-minute video clip, complete lesson plan, guided reading pamphlet, and assessment worksheet. The website features supplemental materials including interactive games for students. Copies of the videos, in DVD format, are available by request.

Grades 3-8

Free; also available online

Pennsylvania Dairy Promotion Program  
2301 N. Cameron Street, Room 311  
Harrisburg, PA 17110  
Phone: (717) 787-6903  
Fax: (717) 783-2344  
E-mail: [lperrin@milk4u.org](mailto:lperrin@milk4u.org)  
Website: [www.discoverdairy.com](http://www.discoverdairy.com)

**The Milk Makers**

Learn how milk travels from a dairy cow to the neighborhood supermarket in this exciting Reading Rainbow episode created from the story "The Milk Makers" by Gail Gibbons. Available on DVD.

Grades PreK-3

\$29.95-\$74.95

GPN, LLC  
1550 Executive Drive  
Elgin, IL 60123  
Phone: (800) 624-2926 ext. 3375  
Toll free: (800) 228-4630  
Fax: (800) 306-2330  
E-mail: [dpierce@sunburst.com](mailto:dpierce@sunburst.com)  
Website: [www.shopgpn.com](http://www.shopgpn.com)

**The Story of California Milk; The Cheesemakers**

These two videos give behind-the-scenes looks at how milk goes from cow to carton in your local supermarket and show each step from separating curds and whey to packaging aged cheese for distribution.

Grades 6-adult

Available free online

California Milk Advisory Board  
400 Oyster Point, Suite 211  
South San Francisco, CA 94080  
Phone: (650) 871-6455  
Toll free: (800) 871-3444  
Fax: (650) 583-7328  
Website: [www.RealCaliforniaMilk.com](http://www.RealCaliforniaMilk.com)



## Dates

### California Dates

This website gives a brief dissertation on the history of the California date industry and the many nutritional aspects of dates. Includes information and recipes.

Grades 4-adult

Free online information

California Date Administrative Committee  
Post Office Box 1736  
Indio, CA 92201  
Phone: (760) 347-4510  
Toll free: (800) 223-8748  
Fax: (760) 347-6374  
E-mail: [dates2000@earthlink.net](mailto:dates2000@earthlink.net)  
Website: [www.datesaregreat.com](http://www.datesaregreat.com)

## Dried Plums

### Dried Plums Fact and Activity Sheet

This California-specific fact sheet includes information on dried plum production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on dried plums.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Economics

Also see [Agriculture-General](#), and [Statistics](#) listings

### ► Indicates new for 2011-2012

### ► Agriculture Counts

This lesson explains how counting, statistics, and census help the government determine what kind of help farmers might need to make sure we have enough food to eat. Activities incorporate agriculture into English, math, geography, science, and social studies subjects. [www.nass.usda.gov/Education\\_and\\_Outreach/Lesson\\_Plans/X-07-ag-counts.pdf](http://www.nass.usda.gov/Education_and_Outreach/Lesson_Plans/X-07-ag-counts.pdf).

Grades K-12

Free; available online only

USDA National Agricultural Statistics Service  
1400 Independence Avenue SW, Room 5030  
Washington, DC 20250  
Toll free: (800) 727-9540  
Fax: (202) 690-2090  
E-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

### Food and Farm Facts Educator CD-ROM

Developed especially for classroom use, this CD-ROM provides a PowerPoint presentation of the key graphs from the Food and Farm Facts booklet. It may also be used for public presentations about agriculture.

Grades 4-adult

\$7.50

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### ► Change for a Dollar

U.S. notes have a direct connection to agriculture. This 16-page booklet introduces the individuals featured on U.S. currency and their contributions to agriculture. [www.agintheclassroom.org/060605/teachers/printable/ChangeforaDollar.pdf](http://www.agintheclassroom.org/060605/teachers/printable/ChangeforaDollar.pdf).

Grades 5-8

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Council for Economic Education

Catalog of multi-grade economic education curriculum guides, teaching strategies, and classroom materials. Includes publications for junior and senior high students to help them learn about the complementary relationship between their economic well-being and environmental resources.

Grades K-12  
Free online information

Council for Economic Education  
122 East 42nd Street, Suite 2600  
New York, NY 10168  
Phone: (212) 730-7007  
Toll free: (800) 338-1192  
Fax: (212) 730-1793  
E-mail: [customerservice@councilforeconed.org](mailto:customerservice@councilforeconed.org)  
Website: [www.councilforeconed.org](http://www.councilforeconed.org)

### ► Food Economics and Consumer Choice

This informative, 11-page whitepaper investigates technology's role in increasing world food production 100 percent by 2050. Scientific research, graphs, and facts address the growing challenge of feeding the world.

Grades 9-adult  
Free; available online only

Elanco  
Post Office Box 708  
Greenfield, IN 46140  
Phone: (317) 277-3185  
Toll free: (800) 428-4441  
Fax: (317) 276-9434  
Website: [www.elanco.com](http://www.elanco.com)

## Foundation for Teaching Economics

The mission of the FTE is to introduce young individuals, selected for their leadership potential, to an economic way of thinking about national and international issues, and to promote excellence in economic education by helping teachers of economics become more effective educators. The Foundation offers free workshops for high school educators and students. This site includes workshop dates, locations, and registration information, as well as resources, activities, and lesson plans for teaching economics.

Grades 11-12  
Free; also available online

Foundation for Teaching Economics  
260 Russell Boulevard, Suite B  
Davis, CA 95616-3839  
Phone: (530) 757-4630  
Fax: (530) 757-4636  
E-mail: [information@fte.org](mailto:information@fte.org)  
Website: [www.fte.org](http://www.fte.org)

## Hands on Banking Website

This interactive website has specific lessons and activities for grades 4-5, 6-8, high school, and adults. Learn the basics, including balancing a checkbook and creating a budget, or investigate more complex topics, such as investing in a college education. The downloadable Instructor Guides provide everything educators need to guide students through real-life scenarios, group discussions, and hands-on activities.

Grades 4-adult  
Free; available online only

Hands on Banking  
Website: [www.handsonbanking.com](http://www.handsonbanking.com)

## Education - General

### CDE Press

The 2009 Educational Resources Catalog offers a wide selection of materials available from CDE Press. Publications include the Content Standards for California Schools, subject matter frameworks, and a variety of materials to support education and learning.

Grades PreK-12  
Free

California Department of Education  
CDE Press Sales  
1430 N Street, Suite 3207  
Sacramento, CA 95814  
Phone: (916) 445-1260  
Fax: (916) 323-0823  
E-mail: [sales@cde.ca.gov](mailto:sales@cde.ca.gov)  
Website: [www.cde.ca.gov/re/pn/rc](http://www.cde.ca.gov/re/pn/rc)

### Healthy Classroom Parties

This resource provides guidelines for creating a classroom party with foods that are lower in fat and calories. Includes menu planning and snack ideas.

Grades K-adult  
Free online

Alhambra Unified School District Nutrition Network  
1515 Mission Road  
Alhambra, CA 91803  
Phone: (626) 308-2212  
Website: [www.alhambranetwork.org](http://www.alhambranetwork.org)

### Lesson Plan of the Day

View the daily lesson plans and search "agriculture" to try one that has an agricultural twist.

Grades K-12  
Free; available online only

Education World  
Website: [www.educationworld.com](http://www.educationworld.com)

# Eggs

Also see Chickens listings

## ► Indicates new for 2011-2012

### American Egg Board Materials

#### ► Cel-egg-brate with Seasons

This seasonal brochure features eight kid-friendly recipes, colorful illustrations, and safety and measuring tips to entice kids to experiment in the kitchen.

Grades 2-6  
Free

#### ► Crack Open This Egg

This egg-shaped brochure lists a dozen reasons to eat eggs, including nutrient value, convenience, economy, cholesterol, and health benefits.

Grades 6-adult  
Free

#### ► Egg Products Reference Guide

This reference guide provides details of various types of egg products, as well as their applications, functionality, and nutrient profiles.

Grades 9-adult  
\$1.20

#### ► Eggs 101: A Video Project

This 29-minute, comprehensive egg production education program teaches young consumers about the animal care practices of the egg industry. A teacher's guide PDF with supplemental reviews and exercises is also available. [www.aeb.org/egg-industry/egg-facts-101](http://www.aeb.org/egg-industry/egg-facts-101)

Grades 4-12  
Free; also available online

#### ► Eggs... Fact or Fiction

Learn about common misconceptions concerning eggs, including food safety, cholesterol and Salmonella issues, and free-range and nutrient enhanced eggs.

Grades 9-adult  
Free

#### ► From the Inside Out!

This poster shows you the parts of the egg and gives you nutrition facts.

Grades K-12  
\$0.65

#### ► It's All in An Egg!

This poster shows that eggs are packed with numerous nutrients that play a healthful role in the body. Download from [www.eggnutritioncenter.org/page/posters](http://www.eggnutritioncenter.org/page/posters).

Grades K-12  
\$0.50

#### ► Shelly and Sheldon's Eggcellent Adventure

This 16-page, full-color guide for primary students includes coloring pages, a word search, craft ideas, an egg quiz, experiments, recipes, and more.

Grades K-4  
\$0.44

American Egg Board  
1460 Renaissance Drive  
Park Ridge, IL 60068  
Phone: (847) 296-7043  
Fax: (847) 296-7007  
E-mail: [aeb@aeb.org](mailto:aeb@aeb.org)  
Website: [www.aeb.org](http://www.aeb.org)  
Website: [www.incredibleegg.org](http://www.incredibleegg.org)

### Eggs Eggs Everywhere

This unit introduces young children to the wonders of eggs of all kinds and develops age-appropriate concepts in biology and life science. Activities combine literature, math, role-playing, drama, and art, and introduce sorting, classifying, and graphing.

Grades PreK-1  
\$18 plus shipping and tax

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

#### ► Embryology Helper's Guides

Guides titled "Experiments in Poultry Science" and "Hatching Classroom Projects" are designed to provide educators with background information and experimental activities related to life science. Correlated to the National Science Education Standards.

Grades 2-5, 6-8  
Free; available online only

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Energy

### ► Indicates new for 2011-2012

#### **Biomass/Renewable Energy Lesson Plans**

This large lesson plan packet contains background information and additional resources for the variety of lessons that focus on biomass products and environmentally-friendly energy resources derived from agricultural products. Use one or all of these lessons in a science unit.

Grades 7-12  
Free; available online only

South Carolina Ag in the Classroom  
Post Office Box 754  
Columbia, SC 29202-0754  
Phone: (803) 936-4409  
Fax: (803) 936-4452  
Website: [www.agclassroom.org/sc](http://www.agclassroom.org/sc)

#### **► Clean Energy Farming: Cutting Costs, Improving Efficiencies, Harnessing Renewables**

This secondary-level, 20-page manual features innovative research and examples of farmers who are improving energy efficiency while saving money. Learn about farmers who implement farming practices that both save energy and protect natural resources, and produce and use renewable fuels.

Grades 9-adult  
Free

Sustainable Agriculture Research and Education  
1122 Patapsco Building  
University of Maryland  
College Park, MD 20742-6715  
Phone: (301) 405-9912  
E-mail: [outreach@sare.org](mailto:outreach@sare.org)  
Website: [www.sare.org](http://www.sare.org)

#### **► Go Green!**

A booklet created to help further classroom investigation of renewable fuels such as biomass, solar, wind, and water. Activities can be used as supplemental learning in the areas of hands-on science, health and nutrition, reading, math, social studies, writing, and art.

Grades 3-12  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@iffb.org](mailto:aitc@iffb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## The NEED Program

The National Energy Education Development (NEED) Program has innovative K-12 educational materials plus teacher and student training programs and conferences which aid in the delivery of multi-sided education programs. Includes activities and lessons on energy, such as alternative transportation fuels that include ethanol, biodiesel, electricity, compressed natural gas, and propane.

Grades K-12  
Prices vary

The NEED Project  
8408 Kao Circle  
Manassas, VA 20110  
Phone: (800) 875-5029  
Toll free: (800) 875-5029  
Fax: (800) 847-1820  
E-mail: [info@need.org](mailto:info@need.org)  
Website: [www.need.org](http://www.need.org)

## Environment

Also see **Agriculture-General, Forestry and Forest Resources, Native Plants, Soil, Trees, and Water** listings

### ► Indicates new for 2011-2012

#### **AIMS Education Foundation Materials**

##### **Cycles of Knowing and Growing**

Explore the cyclical changes common to living systems. As students observe plant, animal, and Earth cycles, they will see living things change over time. Students also will become aware of predictable patterns in their own lives. Includes 21 activities over 179 pages.

Grades 1-3  
\$21.95 plus s/h, tax; request item #1108

##### **Exploring Environments**

Take your students on expeditions to eight different environments including deserts, mountains, oceans, and prairies. Sample plants and animals and background information are given so students can examine interactions among living things. Teaching tips are given for each grade level. Includes a CD with printable pages.

Grades K-6  
\$21.95 plus s/h, tax; request item #1215  
Eight full-color environment posters (17" x 22") \$16.95 plus s/h, tax; request item #1635  
Book and poster set \$33.25 plus s/h, tax; request item #4020

**Field Detectives: Investigating Playground Habitats**

Student sleuths will look closely at diverse habitats in and around the school playground, searching for evidence of life and clues to the natural world around them. 26 activities over 179 pages emphasize the provision of needs within a habitat for food, water, air, shelter, and space. Students investigate relationships found within all habitats regardless of size or location.

Grades 3-6

\$21.95 plus s/h and tax; request item #1214

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

**Agriculture and the Environment**

This guidebook provides information and lesson activities that teachers can use to incorporate topics on agriculture and the environment. The six chapters focus on issues, food safety, pesticides and pest management, water quality, wetlands, and endangered species. Each chapter has a classroom activity and resources for further exploration.

Grades 6-9

1-49 copies, \$4.50 each

50+ copies, \$4 each

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**California Beef Council Materials****Caretakers All**

This environmental education teaching kit was developed to help teach students the principles of environmental stewardship, animal husbandry and, ultimately, good "caretaking." The kit includes a 21-page teacher's guide consisting of six lessons, a CD containing reproducible photos and activity sheets for each lesson, and more. This resource is aligned with California Content Standards.

Grades 5-8

Free

**Wow That Cow**

An informational tri-fold brochure designed for kids to understand the many significant contributions cattle provide for humans and the environment. Also includes by-products information and nutritional information about beef.

Grades 4-12

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

**California Regional Environmental Education Community (CREEC)**

The CREEC Network, a source for environmental education resources in California, divides the state into numerous regions, each with a local coordinator. Free e-newsletter subscription is available.

Grades K-12

Free online information

CREEC  
Phone: (916) 319-0241  
Website: [www.creec.org](http://www.creec.org)

**► California's Green**

This television series highlights what innovative and creative Californians are doing to solve environmental challenges. Interesting topics provide students with practical ideas and knowledge that can be implemented. Episodes include "Green Gardener," "Methane," "Hydroponics," and more.

Grades 6-adult

\$21.70 VHS; \$24.96 DVD

Huell Howser Production  
4401 Sunset Boulevard  
Los Angeles, CA 90027  
E-mail: [huell@calgold.com](mailto:huell@calgold.com)  
Website: [www.calgold.com](http://www.calgold.com)

**Create from Waste!**

This activity guide has 20 hands-on activities designed to educate students to find ways to reduce the amount of waste they send to the landfills. Some activities include investigating food, exploring soil, and worm composting.

Grades K-3  
\$19.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

**Disney's Planet Challenge**

Disney's Planet Challenge (DPC) is a project-based learning environmental competition for classrooms across the United States. DPC teaches kids about science and conservation while empowering them to make a positive impact on their communities and planet. DPC offers two tracks of competition: elementary (grades 3-5) and middle school (grades 6-8).

Grades 3-8  
Free; available online

Disney Planet Challenge  
500 South Buena Vista Street  
Mailcode: 6445  
Burbank, CA 91521  
Phone: (818) 567-5330  
Toll free: (877) 235-1399  
Fax: (818) 567-5330  
E-mail: [questions@disneysplanetchallenge.com](mailto:questions@disneysplanetchallenge.com)  
Website: [www.disney.go.com](http://www.disney.go.com)  
Website: [disney.go.com/planetchallenge](http://disney.go.com/planetchallenge)

**► Inside-Out: Environmental Science in the Classroom and the Field**

Field and classroom-based activities integrate Earth science, chemistry, physical geography, and life science into the study of the environment. Each chapter begins with a primer covering basic concepts and continues with inquiry-based activities that are organized around a driving question. Chapters cover water, physical geography, soil, topography, nutrients and energy, and biodiversity.

Grades 3-8  
\$22.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

**Keepers of the Earth, Native American Stories and Environmental Activities for Children**

Interdisciplinary, comprehensive curriculum guide that incorporates Native American stories and encourages respect for the environment. Teacher guide available.

Grades K-8  
\$21.95 plus s/h

Fulcrum Publishing  
4690 Table Mountain Drive, Suite 100  
Golden, CO 80403  
Phone: (303) 277-1623  
Toll free: (800) 992-2908  
Fax: (303) 279-7111  
Website: [www.fulcrumbooks.com](http://www.fulcrumbooks.com)

**National Association of Conservation Districts (NACD)**

This organization has a supply of educational resources related to conserving Earth's natural resources. Colorful student booklets and teacher guides have been developed for the Stewardship Week program, but can be used all through the year. A national poster and photography contest are held yearly. Poster contest theme is the NACD Stewardship Week theme.

Grades K-adult  
Prices vary

National Association of Conservation Districts (NACD)  
509 Capitol Court NE  
Washington, DC 20002-4937  
Phone: (317) 326-2952  
E-mail: [stewardship@nacdnet.org](mailto:stewardship@nacdnet.org)  
Website: [www.nacdnet.org](http://www.nacdnet.org)  
Website: [www.nacdstore.org](http://www.nacdstore.org)  
Website: [www.nacdnet.org/education](http://www.nacdnet.org/education)

**► Our Rangelands**

This curriculum introduces rangelands, their functions, why they are important, and how to protect them. Each of the five thematic units feature multiple lesson plans for classroom use. Lessons include "What Comes from the Range?," "We Are All Water Stewards," "Let's Make Mudshakes," and more.

Grades 4-6  
Free; available online only

University of California Cooperative Extension Sonoma County, Division of Agriculture and Natural Resources  
133 Aviation Boulevard, Suite 109  
Santa Rosa, CA 95403-2894  
Phone: (707) 565-2621  
Fax: (707) 565-2623  
E-mail: [slarson@ucdavis.edu](mailto:slarson@ucdavis.edu)  
Website: [ucanr.org/our\\_rangelands](http://ucanr.org/our_rangelands)

### ► Pollinators and Pesticide Stewardship

Pesticides play an important role in controlling insects, weeds, and diseases on farms and in urban landscapes. The areas treated for pests are often shared by pollinators which are attracted to blooming flowers for pollen and nectar. These pollinators can include not only honey bees but other insects such as butterflies, beetles, wasps, flies, birds, and bats. This brochure provides guidelines to follow before treating an area with pesticides when pollinators are present.

Grades 6-adult  
Free; also available online

Coalition for Urban/Rural Environmental Stewardship (CURES)  
531-D North Alta Avenue  
Dinuba, CA 93618-3203  
Phone: (559) 591-1995  
Fax: (559) 591-5744  
E-mail: [parry@curesworks.org](mailto:parry@curesworks.org)  
Website: [www.curesworks.org](http://www.curesworks.org)

### Project Learning Tree Materials

#### Exploring Environmental Issues: Biodiversity

This secondary module uses biodiversity as a window through which secondary students investigate the environment. It permits educators and students to step back from specific issues and species and to examine broader concepts and larger connections—not just biological, but political, cultural, ethical, and economic as well. Students will learn that decisions about growth and development, invasive species, and water quality, even health, all relate to biodiversity.

Grades 9-adult  
Free with workshop attendance

#### Exploring Environmental Issues: Places We Live

This secondary curriculum includes eight lessons with a focus on “place-based” issue investigation. Activities focus on neighborhoods, communities, and planning for the future.

Grades 7-12  
Free with workshop attendance

#### Global Connections: Forests of the World

This education module provides educators with a series of activities to help students gain an increased understanding and appreciation of the diversity of world forest environments. An emphasis is placed on the human interaction with and dependence on those environments. The activities provide students with opportunities to apply scientific processes and higher order thinking skills while investigating world forestry issues and conducting service learning action projects.

Grades 9-adult  
Free with workshop attendance

### Project Learning Tree

Activity guides and secondary modules help educate students about forest ecology, wildland fires, municipal solid waste, energy conservation, and natural resources. Secondary materials focus on issue investigation, forest ecology, biodiversity, municipal solid waste, risk assessment, economics, global forest issues, and “place-based” education. A workshop must be attended to receive materials. Green Works grants available to workshop participants.

Grades PreK-12  
List of workshop schedules on website

Project Learning Tree  
California Department of Forestry and Fire Protection  
Post Office Box 944246  
Sacramento, CA 94244-2460  
Phone: (916) 653-7958  
Fax: (916) 653-8957  
E-mail: [kay.antunez@fire.ca.gov](mailto:kay.antunez@fire.ca.gov)  
Website: [www.plt.org](http://www.plt.org)  
Website: [www.caltrees.org](http://www.caltrees.org)

### A River for All—The Life of the San Joaquin

This 22-minute DVD explores the history of water development in California and how decisions made in the 19th century and beyond played a role in the water system we have today.

Grades 7-12  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

### Schoolyard Ecology

Includes five distinct, teacher-directed student activities in which students explore their outdoor environment using science and math skills. 120 pages.

Grades 3-6  
\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

## Fairs

### Western Fairs Association

Western Fairs is a trade association for fairs and fair-related businesses. Along with specific details about fair operations, the website lists the dates and locations of all member fairs in the Western United States and Canada, plus a directory for all fair-related businesses.

Grades K-adult  
Free online information

Western Fairs Association  
1776 Tribute Road, Suite 210  
Sacramento, CA 95815-4495  
Website: [www.WesternFairs.org](http://www.WesternFairs.org)

## Farm Animals

Also see Livestock listing

### ► Indicates new for 2011-2012

### ► Exploring Farm Animals

Designed to help students develop life skills, this resource includes experiential (active) learning activities related to animal agriculture.

Grades K-3  
Free; available online only

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Animal Adventures at the Farm

This educational animal coloring and activity book describes many different animals one could find on a farm. Non-traditional farm animals such as wallabies and llamas are also described.

Grades PreK-4  
\$4.95 plus s/h

The Great American Animal Entertainment Company  
Post Office Box 2304  
Grants Pass, OR 97528  
Phone: (541) 512-1100  
Fax: (541) 512-1800  
E-mail: [info@greatamericanpettingzoo.com](mailto:info@greatamericanpettingzoo.com)  
Website: [greatamericanpettingzoo.com](http://greatamericanpettingzoo.com)

### Smithsonian National Zoological Park

The National Zoo has a live and virtual kids farm. Enjoy viewing this interactive Kids' Farm website geared for young students. Learn some specifics about farm animals such as chickens, sheep, and goats.

Grades K-12  
Free online

Smithsonian National Zoological Park  
3001 Connecticut Avenue NW  
Washington, DC 20008  
Phone: (202) 633-4800  
E-mail: [education@fonz.org](mailto:education@fonz.org)  
Website: [nationalzoo.si.edu/Animals/KidsFarm](http://nationalzoo.si.edu/Animals/KidsFarm)

## Farm Equipment

Also see Agriculture-General and Gardening listings

### John Deere

This company offers children's books, puzzles, DVDs, CDs and child-sized versions of John Deere equipment online. A kids' online activity section is also available.

Grades K-3  
Online catalog available

John Deere  
E-mail: [watsekaoffice@hoganwalker.com](mailto:watsekaoffice@hoganwalker.com)  
Website: [www.greenfunstore.com](http://www.greenfunstore.com)

### Modern Marvels: Farming Technology DVD

From the field to the table, Farming Technology follows the journey of food produced on a modern "big ag" farm to illustrate how far farming has evolved from its traditional roots. This DVD covers everything from the controversial use of genetically engineered seeds to the \$100,000 machine that can do more work in a day than an army of workers could accomplish in a week. 50 minutes.

Grades 5-adult  
\$24.95 plus s/h  
Also available in VHS format

A & E  
Toll free: (888) 423-1212  
Website: [store.aetv.com](http://store.aetv.com)



## Simple and Complex Machines in Agriculture

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people, including farmers and ranchers. Aligned to the Content Standards for California Public Schools.

Grades 2-5

Free; also available online

Free lesson plan CD, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Farm Safety

### Farm Safety 4 Just Kids Catalog

This catalog is full of interesting items which can be used to teach children about farm safety. Items include educational resources, videos, promotional items, clothing, and displays.

Grades K-12

Free catalog

Farm Safety 4 Just Kids  
11304 Aurora Avenue  
Urbandale, IA 50322  
Toll free: (800) 423-5437  
E-mail: [fs4jk@fs4jk.org](mailto:fs4jk@fs4jk.org)  
Website: [www.fs4jk.org](http://www.fs4jk.org)

## Farmers Markets

### All About Farmers' Markets: A Teaching Guide for Classrooms, Camps, and Community Programs

This curriculum uses an interdisciplinary approach to introduce kids to concepts about food, where it comes from, farmers markets, and their role in our communities. Corresponding health education standards are addressed in each lesson, along with standards for language arts, science, math, social studies, physical education, art, and agricultural education. 106 pages, includes 50 pages of reproducibles. Bilingual picture book, "A Visit to the Farmers' Market/Una Visita al Mercado de los Granjeros," is also available. ISBN 978-0-9771010-2-3

Grades PreK-2

\$32.95 plus s/h

Brain Child Books  
13324 Beckenham Drive, Suite 100  
Little Rock, AR 72212  
Phone: (501) 837-5081  
Fax: (501) 228-0908  
Website: [www.brainchildpress.com](http://www.brainchildpress.com)

### California Federation of Certified Farmers' Markets

This website is full of resources, recipes, and farmers market locations.

Grades 4-adult

Free; available online only

California Federation of Certified Farmers' Markets  
Post Office Box 1813  
Davis, CA 95617  
E-mail: [CFCFM@comcast.net](mailto:CFCFM@comcast.net)  
Website: [www.cafarmersmarkets.com](http://www.cafarmersmarkets.com)

## Fertilizers

Also see Minerals listings

► Indicates new for 2011-2012

### California Fertilizer Foundation Materials

#### California Fertilizer Foundation

The California Fertilizer Foundation provides information about plant nutrients and agriculture in California. School garden grants are also available.

Grades K-12

Free online information

► **Fertilizer Facts Poster**

This 17" x 22" full-color poster shows how to read a fertilizer label and provides some general tips on how to fertilize lawns, flowers, fruits and vegetables, trees, and shrubs.

Grades K-adult  
One free per request

California Fertilizer Foundation  
4460 Duckhorn Drive, Suite A  
Sacramento, CA 95834  
E-mail: [pame@healthyplants.org](mailto:pame@healthyplants.org)  
Website: [www.calfertilizer.org](http://www.calfertilizer.org)

► **Fertilizer 101**

This website provides information about fertilizer including history and definitions.

Grades 7-adult  
Free; online information only

Fertilizer 101  
Website: [www.fertilizer101.org](http://www.fertilizer101.org)

**International Plant Nutrition Institute Materials**

**Agriculture and Culture of Costa Rica**

This 24-page full-color booklet includes information about the history, types of soil, climate, crops, plant nutrition, geography, wildlife, and culture of Costa Rica.

Grades 5-8  
\$2

**Fun with the Plant Nutrient Team**

An activity book and teacher guide describe the 17 nutrients needed by plants for healthy growth and production.

Grades K-3  
\$3

► **Nitrogen... for People and the Environment**

This booklet explains the origins of nitrogen in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of nitrogen in our environment.

Grades 7-adult  
\$1.50 plus s/h

► **Phosphorus... for People and the Environment**

This booklet explains the origins of phosphorus in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of phosphorus in our environment.

Grades 7-adult  
\$1.50 plus s/h

► **Potassium... for People and the Environment**

This booklet explains the origins of potassium in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of potassium in our environment.

Grades 7-adult  
\$1.50 plus s/h

**There's WHAT in My Food?**

This 24-page, 8 ½" x 11" full-color booklet addresses some of the questions about modern crop nutrients and production practices. The booklet includes colorful illustrations in a friendly style to appeal especially to non-farm readers.

Grades K-adult  
\$2

**Understanding Nitrogen in Our World**

A scientific look at where we find nitrogen, how nitrogen affects our lives, and why nitrogen plays such an important role.

Grades 4-6  
\$1.50

**Understanding Phosphorus in Our World**

Phosphorus is an essential element for both plant and animal growth. This booklet explains the need for phosphorus in producing plentiful and nutritious food.

Grades 4-6  
\$1.50

**Understanding Potassium in Our World**

Potassium is known as the "quality" nutrient and serves to regulate many of the key functions in plants. Humans and crops must have adequate potassium for good health.

Grades 4-6  
\$1.50

International Plant Nutrition Institute  
3500 Parkway Lane, Suite 550  
Norcross, GA 30092-2806  
Phone: (770) 447-0335  
Fax: (770) 448-0439  
E-mail: [kgriffin@ipni.net](mailto:kgriffin@ipni.net)  
Website: [www.ipni.net](http://www.ipni.net)

## ► Nutrients for Life Website

Students learn about food production, soil quality, and fertilizer use around the world in this interactive website. Students practice identifying nutrient deficiencies in the game “Humanity Against Hunger.” Online resources for teachers also available.

Grades 7-12

Free; available online only

Nutrients for Life Foundation  
Capitol View  
425 Third Street SW, Suite 950  
Washington, DC 20024  
Phone: (800) 962-9065  
Fax: (202) 962-0577  
E-mail: [info@nutrientsforlife.org](mailto:info@nutrientsforlife.org)  
Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

## Plant Nutrient Fact and Activity Sheets

Individual fact and activity sheets are available on the three primary nutrients plants require—nitrogen, phosphorus, and potassium. The fact sheets provide information about how plants utilize these nutrients, where these nutrients come from, and the history of their commercial development. The activity sheets provide specific lesson ideas and interesting facts on the topics.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Fibers

Also see Cotton, Sheep, and Wool listings

### ► Indicates new for 2011-2012

#### ► It's a PUZZLEment!

This classroom activity kit focuses on products made from cotton, wool, and leather. Includes background information and classroom-ready handouts. Lessons are aligned to national standards.

Grades K-6

Free; available online only

National Farm-City Council  
Post Office Box 6825  
Reading, PA 19610  
Phone: (877) 611-8161  
E-mail: [contact@farmcity.org](mailto:contact@farmcity.org)  
Website: [www.farmcity.org](http://www.farmcity.org)

## Flowers

Also see Gardening and Seeds listings

### California Cut Flower Commission

Learn from and enjoy cut flowers. A variety of information is on this website that is especially useful for floriculture classes.

Grades 7-adult

Free online information

California Cut Flower Commission  
Post Office Box 90225  
Santa Barbara, CA 93190-0225  
Phone: (916) 441-1701  
Fax: (925) 905-4489  
E-mail: [ccfc@ccfc.org](mailto:ccfc@ccfc.org)  
Website: [www.ccfc.org](http://www.ccfc.org)

### Cut Flowers Fact and Activity Sheet

This California-specific fact sheet includes information on cut flower production, history, and economic value. The activity sheets provide specific lesson ideas and interesting facts on cut flowers.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Food Safety

Also see Nutrition, Pork, and Science listings

### ► Indicates new for 2011-2012

#### California Beef Council Materials

##### Fight BAC Brochure

A brochure for kids that outlines four simple steps to food safety when handling beef. Easy wording and simple pictures outline the four steps: clean, separate, cook, and chill.

Grades K-8

Free

**Safe Food Journey**

This is a colorful, poster-size illustration of the safe food journey that our food takes from the farm to our tables. The reverse side contains a teacher's guide and six reproducible student activities.

Grades K-6

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

**California Restaurant Association Educational Foundation**

A broad range of training products and services in food safety and sanitation. Includes classroom materials, videos, and online learning products. Scholarship opportunities available to students pursuing an education in a restaurant industry-related field.

Grades 3-12

Free online information

California Restaurant Association  
Educational Foundation  
621 Capitol Mall, Suite 2000  
Sacramento, CA 95814  
Phone: (916) 447-5793  
Toll free: (800) 765-4842  
Website: [prostart.restaurant.org](http://prostart.restaurant.org)  
Website: [www.calrest.org](http://www.calrest.org)

**Food Safety Music**

Carl Winter, Ph.D., has combined his passion for music with his expertise in food toxicology to teach children and adults about food safety. Dr. Winter's latest CD, *Still Stayin' Alive*, features numerous songs written to previous musical hits. Titles include "Eat It!," "Beware La Vaca Loca," and "You Better Wash Your Hands." Information regarding Dr. Winter's food safety music and CD are available on the website.

Grades 1-adult

\$9.99 plus s/h

Carl Winter  
Food Science and Technology Department  
One Shields Avenue  
Davis, CA 95616-8598  
Phone: (530) 752-5448  
Fax: (530) 752-4759  
E-mail: [ckwinter@ucdavis.edu](mailto:ckwinter@ucdavis.edu)  
Website: [foodsafe.ucdavis.edu](http://foodsafe.ucdavis.edu)

**Food Safety: From Farm to Fork**

Students learn, through real-life examples and hands-on activities, that everyone has a responsibility in minimizing foodborne illnesses. This language arts, health education, math, and science-based unit is aligned to the Content Standards for California Public Schools.

Grades 5-7

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

**► Food Science Investigators**

This publication highlights safe food handling practices and helps students identify potential food safety risks. Students learn about good microbes, bad microbes, and historical moments in food safety.

Grades 6-12

Free; available online only

Utah State University  
Utah Agriculture in the Classroom  
2315 Old Main Hill  
Logan, UT 84322-2315  
Phone: (435) 797-0765  
Fax: (435) 797-4002  
Website: [www.agclassroom.org/ut](http://www.agclassroom.org/ut)

**► Scrub Club**

This kid-friendly website introduces students to the Scrub Club, a group of food safety conscious characters that demonstrate proper handwashing. The site features Webisodes, games, educational music, downloadable activities for kids, educational materials for teachers, and program information for parents.

Grades 3-8

Free; available online only

NSF International  
Post Office Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 769-8010  
Toll free: (800) NSF-MARK  
Fax: (734) 769-0109  
E-mail: [houlahan@nsf.org](mailto:houlahan@nsf.org)  
Website: [www.scrubclub.org](http://www.scrubclub.org)

### ► **USDA Food Safety Mobile Coloring Book**

This 16-page downloadable coloring book features the four steps of food safety: clean, separate, cook, and chill. Also available in Spanish.

Grades K-3

Free; available online only

USDA Food Safety and Inspection Service

Phone: (888) 674-6854

Website: [www.fsis.usda.gov](http://www.fsis.usda.gov)

Website: [www.fsis.usda.gov/thermy](http://www.fsis.usda.gov/thermy)

Website: [www.fightbac.org](http://www.fightbac.org)

## **Food Science**

### ► **Indicates new for 2011-2012**

#### ► **Foods Youth Activity Guide Set**

This set includes four food activity guides and a helper's guide. Youth prepare different foods, do interesting experiments, and go on fact-finding missions. The four activity guides are designed around six major categories: healthy food selection, food safety, smart food purchasing, food preservation, food preparation, and careers.

Grades 3-5, 6-8, 9-12

\$21.75 plus s/h

National 4-H Cooperative Curriculum System, Inc.

405 Coffey Hall, 1420 Eckles Avenue

St. Paul, MN 55108-6068

Phone: (612) 624-4900

Toll free: (800) 876-8636

E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)

Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)

Website: [www.4-hmall.org](http://www.4-hmall.org)

#### **Create from Waste!**

This activity guide has 20 hands-on activities designed to educate students to find ways to reduce the amount of waste they send to the landfills. Some activities include investigating food, exploring soil, and worm composting.

Grades K-3

\$19.95

Life Lab Science Program

1156 High Street

Santa Cruz, CA 95064

Phone: (831) 459-2001

Fax: (831) 459-3483

E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)

Website: [www.lifelab.org](http://www.lifelab.org)

## **Forestry and Forest Resources**

Also see **Environment**, **Trees**, and individual commodity listings

### ► **Indicates new for 2011-2012**

#### ► **Accurate Ag Books: The Tree Farmer**

This lesson plan complements 2007 Accurate Ag Books book of the year, "The Tree Farmer" by Chuck Leavell. Activities include categorizing trees, tree products, tree benefits, and the tree-mendous game.

Grades 3-5

\$2.25 each, plus s/h

American Farm Bureau Foundation for Agriculture

600 Maryland Avenue SW, Suite 1000W

Washington, DC 20024

Phone: (202) 406-3700

Toll free: (800) 443-8456

Fax: (202) 314-5121

E-mail: [curtism@afb.org](mailto:curtism@afb.org)

Website: [www.agfoundation.org](http://www.agfoundation.org)

Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

#### ► **Environmental Experiences for Early Childhood**

This guide offers more than 130 experiences that engage children in outdoor activities and exploration. Topics include exploring nature with five senses, meeting neighborhood trees, and experiencing trees through the seasons.

Grades PreK-1

Free with workshop attendance

Project Learning Tree

California Department of Forestry and Fire Protection

Post Office Box 944246

Sacramento, CA 94244-2460

Phone: (916) 653-7958

Fax: (916) 653-8957

E-mail: [kay.antunez@fire.ca.gov](mailto:kay.antunez@fire.ca.gov)

Website: [www.plt.org](http://www.plt.org)

Website: [www.caltrees.org](http://www.caltrees.org)

### **The Forest Foundation Materials**

#### **Educational Posters**

Four 20" x 27" posters are available. The titles are "The Forest Cycle," "Forest Management Practices," "The Most Common Trees in California," and "The Carbon Cycle: Forestry Never Looked So Cool."

Grades K-12

Free; also available online

### Forests and the Carbon Cycle

These lesson plans will provide fundamental understanding about hot topics such as greenhouse gases and climate change. Includes teacher background information, lessons, labs, math problems, and research projects.

Grades 7-12  
Free online

### Forests Today, Tomorrow & Forever

Aligned to California standards for grades 4-6, and adaptable for grades K-8, this resource features teacher's background information plus games, puzzles, activities, art projects, and discussion material on forest ecology, management practices, and forest product use. Nine lessons include "The Web of Life," "Forest Families," "Nature's Treasure Chest," "The Sustainable Forest," "The Nature of Trees," "Forest Health," "Waste Not: Want Not," "Forests & Water," and "Forests & Carbon."

Grades 4-6  
Free

### A Guide to California's Wildlife on Private Forestland

A beautiful full-color guide to some of the wildlife found in California's private forestland. Includes photographs, maps, scientific names, and fun facts. A study unit and activity sheets are also available for grades 3-6.

Grades 3-adult  
Free

### ► Hot Topics: Wildfires & You

This four-lesson unit is aligned to meet California State Science Content Standards. Students learn about the connections between heat and energy, fires and communities, and investigation and experimentation. The unit also includes detailed background information for teachers, enrichment ideas, and student handouts.

Grades 4-8  
Free; also available online

### Our Forests Give Us....

Color and activity sheet that allows younger children to learn about California forest habitats, wildlife, and the forest products we use.

Grades PreK-3  
Free

### Solving the Wildfire Crisis

Bring a nationally recognized forestry expert into your community! This ready-to-run presentation addresses one of the biggest crises facing California. It provides an expert's perspective on California's forest health and wildfire crises. In the presentation, Dr. Thomas Bonnicksen explains what has led to the wildfire threat that now plagues California's forests, as well as how we can make our forests and communities safe again.

Grades 9-12  
Free; available online only

### Tag Along With Twig, A Woodland Adventure

Travel along with character "Twig" to learn about trees and forestry in California. Booklet includes puzzles and activities in forest education including: "Tree Rings," "Animal Tracks," "Water Cycle," "Forestry Careers," "Tree ID Forest Products," and "Wildlife Word Search."

Grades 3-6  
Free

### Tree Bookmarks

Each bookmark features one of California's significant conifers, its physical characteristics, growth patterns, uses, as well as facts on general forest ecology. Set of 6: Sugar Pine, White Fir, Ponderosa Pine, Incense Cedar, Redwood, and Douglas Fir.

Grades K-adult  
Free

### Video Lending Library

Downloadable section of [www.calfoundation.org](http://www.calfoundation.org) includes a list of films available at no cost to educators wishing to borrow videos on a variety of forest education topics. Process for ordering videos, age-appropriateness of the selection, length of film, topics covered, and a synopsis of each film is provided.

Grades K-12  
Free

### Visual Forester™ in the Classroom

An interactive CD that allows the user to manage their own California forest. Can be used as a presentation tool or special project device for students. A great critical thinking exercise showing the complexities of natural resource management.

Grades 8-adult  
Free

The Forest Foundation  
853 Lincoln Way, Suite 104  
Auburn, CA 95603  
Phone: (530) 823-2363  
Toll free: (866) 241-8733  
Fax: (530) 823-1850  
E-mail: [se@calfoundation.org](mailto:se@calfoundation.org)  
Website: [www.calfoundation.org](http://www.calfoundation.org)

## Forest Resources Fact and Activity Sheet

This two-sided document provides quick, accurate facts on the sources, uses, history, and economic value of resources obtained from California forests. It also includes lesson ideas and interesting facts on the topic.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## ► Forestry Field Studies: A Manual for Science Teachers

A forest or woodlot, where students can collect and analyze data, can provide teachers and their students with a laboratory for understanding some of the basic principles of environmental science and community ecology. This 102-page manual is organized around a comprehensive set of field exercises, including explorations of the forest environment, biodiversity, and sustainable management of natural resources.

Grades 9-adult  
\$24.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

## Forestry Institute for Teachers

A week-long summer program for California's K-12 teachers. Teachers work with professional natural resource managers and environmental education specialists to update their knowledge about forests and their management. A classroom curriculum unit is developed as part of the program. Four sessions to choose from (Shasta, Plumas, Tuolumne, and Humboldt County locations).

Grades K-12  
Free

Forestry Institute for Teachers, NorCal SAF  
Post Office Box 339  
Camptonville, CA 95922  
Phone: (530) 288-3531  
Fax: (888) 348-7765  
E-mail: [info@forestryinstitute.org](mailto:info@forestryinstitute.org)  
Website: [www.forestryinstitute.org](http://www.forestryinstitute.org)

## ► Forestry Youth Activity Guide Set

This curriculum opens the world of forests to youth. At every age level, the materials present activities that involve youth in learning about trees, forests, forest ecology, and human reliance on forests. Students discover forest resources near home and around the world.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Forests For All

In their own fun and entertaining way, and with the help of their humorous forest friends, Bo The Bull Elk and J.D. Beaver explain to children the importance of forest management and the responsibility we all have to protect forests for future generations. This 48-page resource fosters an understanding of the effect forests have on the the student's everyday life, the protection of forests while meeting the demand for wood products, and innovative measures being used to meet the demands for wood while ensuring the future health of forests. Coloring/activity book is also available.

Grades 3-6  
\$11.95 soft cover, \$14.95 case bound

MDCT Publishing  
E-mail: [mdctpublishing@gmail.com](mailto:mdctpublishing@gmail.com)  
Website: [www.forestsforall.com](http://www.forestsforall.com)

## Idaho Forest Products Commission

This organization provides numerous resources that teach about forests and forest resources, including information on tree anatomy, forest health, and forest products.

Grades PreK-adult  
Free online information

Idaho Forest Products Commission  
350 North 9th Street, #500  
Boise, ID 83702  
Phone: (208) 334-4061  
E-mail: [plt@idahoforests.org](mailto:plt@idahoforests.org)  
Website: [www.idahoforests.org](http://www.idahoforests.org)

## International Paper Materials

### International Paper

Tour the website and learn about sustainable forestry, how paper is made, and more.

Grades 4-adult  
Free online information

### ► The Life of the Forest

Beginning with the story of a seed, this booklet follows a tree's growth throughout the years of its life in the forest. Read how a tree's trunk feeds and supports it, examine the many beautiful leaves of familiar tree species, and marvel at the fascinating life history of a tree as read through its rings.

Grades 4-adult  
Free; available online only

International Paper  
6400 Poplar Avenue  
Memphis, TN 38197  
Phone: (901) 419-9000  
Toll free: (800) 207-4003  
Website: [www.internationalpaper.com](http://www.internationalpaper.com)

### Natural Inquirer

This online publication is a science resource journal targeted for grades five and above. Its goal is to stimulate critical reading and thinking about scientific inquiry and investigation while learning about ecology, the natural environment, and natural resources.

Grades 5-adult  
Free online publications

Natural Inquirer  
Website: [naturalinquirer.org](http://naturalinquirer.org)

### Shelterwood: Discovering the Forest

Sophie's grandfather is a logger and she watches as he harvests trees that will be cut up into boards to build houses and furniture. She learns that if we take care of the woods, it provides for generations to come. The accompanying teacher's guide explores forest diversity, helps students appreciate the layers in the forest, and provides a variety of hands-on activities for use with children.

Grades 3-6  
Paperback, \$7.95 plus s/h; Teacher's guide, \$9.95 plus s/h

Tilbury House Publishers  
103 Brunswick Avenue  
Gardiner, ME 04345  
Phone: (207) 582-1899  
Toll free: (800) 582-1899  
Fax: (207) 582-8227  
E-mail: [tilbury@tilburyhouse.com](mailto:tilbury@tilburyhouse.com)  
Website: [www.tilburyhouse.com](http://www.tilburyhouse.com)

### Talk About Trees

A non-profit program dedicated to educating children about the responsible management and use of trees. Facilitators visit elementary schools throughout the state free of charge and provide one-hour presentations, which follow statewide curriculum guidelines. The program is designed to encourage awareness and appreciation for the value of trees and forests in the daily lives of people and to provide a better understanding of the methods used to conserve, manage, and protect forest resources.

Grades 3-6  
Free

Talk About Trees  
853 Lincoln Way, #104  
Auburn, CA 95603  
Toll free: (866) 241-8733  
Fax: (530) 823-2969  
E-mail: [se@calforestfoundation.org](mailto:se@calforestfoundation.org)  
Website: [www.talkabouttrees.org](http://www.talkabouttrees.org)

### Fruit

Also see **Agriculture-General, Nutrition, Vegetables**, and individual commodity listings

### California Rare Fruit Growers

This organization has information on rare fruits, including a book entitled *The Fruit List*, which has cultural data, common names, growing requirements, and more for over 700 individual fruits.

Grades 6-adult  
Free online information  
The Fruit List, hard copy, \$7.75

California Rare Fruit Growers  
The Fullerton Arboretum - CSUF  
Post Office Box 6850  
Fullerton, CA 92834  
Website: [www.crfg.org](http://www.crfg.org)

### Fresh King, Inc.

This website has information on a variety of fruits and vegetables, including avocados, passion fruit, limes, carambola, papaya, sugar snap peas, snow peas, and French beans. The information is written in a format youth can understand.

Grades 4-adult  
Free online information

Fresh King, Inc.  
Website: [freshking.com](http://freshking.com)



## Harvest of the Month

Harvest of the Month features ready-to-use resources that can be widely applied within the school environment. Based on the U.S. Dietary Guidelines for Americans, this program provides educators with materials to give students hands-on opportunities to explore, taste, and learn about the importance of eating fruits and vegetables and being active every day. An online training guides and supports users on how to effectively use program materials and resources. Includes a short DVD providing a visual experience of Harvest of the Month in action. Within this site, the Educators' Corner provides teachers with additional activities, lesson ideas, recipes, student assessments, and a wealth of resources to help implement a successful program.

Grades PreK-12  
Free download

California Nutrition Network  
Katharina Streng  
Phone: (916) 552-9843  
E-mail: [katharina.streng@cdph.ca.gov](mailto:katharina.streng@cdph.ca.gov)  
Website: [www.harvestofthemonth.com](http://www.harvestofthemonth.com)

## The Fruit Flies' Picnic

Join these bug buddies as they gather a feast of fruit. This 32-page book includes an interactive CD-ROM filled with music and sound effects, an audio read-a-long, 30 fruit illustrations presented by color, and the health benefits for each.

Grades PreK-2  
\$18.95 plus shipping

Smart Picks, Inc.  
Post Office Box 771440  
Lakewood, OH 44107  
Phone: (216) 226-6173  
E-mail: [smartpicks@gmail.com](mailto:smartpicks@gmail.com)  
Website: [www.smartpicks.com](http://www.smartpicks.com)

## Gardening

Also see [Agriculture-General](#), [Environment](#), [Greenhouses](#), [History](#), [Hydroponics](#), [Nutrition](#), and [Science](#) listings

### ► Indicates new for 2011-2012

## American Farm Bureau Foundation for Agriculture Materials

### ► Seed Soil Sun Educator's Guide

This educator's guide of lessons and activities is available to use with the book "Seed Soil Sun" to teach reading, math, science, social science, health, and nutrition.

Grades 1-3  
\$3.50 plus s/h

### ► Seed Soil Sun: Plant Parts We Eat Poster

Full-color pictures, proper names, descriptions, and classifications of vegetables accompany the "Seed Soil Sun" educator's guide and book.

Grades 1-3  
\$2.50 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## California Department of Education's School Garden Resource Packet

This resource supports the California Department of Education's Instructional School Garden Program. It provides a variety of useful information to help schools start and maintain an instructional school garden. Special emphasis is on garden-enhanced nutrition education. Some parts are available on the Internet.

Grades K-12  
Free

California Department of Education  
Nutrition Services Division  
1430 N Street, Suite 1500  
Sacramento, CA 95814  
Phone: (916) 445-9127  
Toll free: (800) 952-5609  
Fax: (916) 322-3749  
E-mail: [gardengrant@cde.ca.gov](mailto:gardengrant@cde.ca.gov)  
Website: [www.cde.ca.gov/ls/nu/ed](http://www.cde.ca.gov/ls/nu/ed)

## California Foundation for Agriculture in the Classroom Materials

### ► CROP Circles

The CROP (California Regions of Optimal Planting) Circle is an easy-to-use diagram that illustrates proper planting and harvesting times for 18 crops commonly found in California school gardens. These are optimal and recommended planting and harvesting times that can be altered to better suit individual microclimates or school calendars. The Circle is divided into four seasons with each individual crop in its own concentric circle. Available for six regions: northern mountains, Sierra foothills, northern/central coast, southern coast, Central Valley, and desert.

Grades 4-6  
Free; available online only

### A Garden Plot: The Tale of Peter Rabbit

The purpose of this unit is to incorporate an agricultural theme into the reading, writing, and science concepts that are taught in the classroom. The lesson, using “The Tale of Peter Rabbit” and other stories by Beatrix Potter, encourages students to think about where their food comes from, distinguish between fact and fiction, and write about personal experiences they have while caring for gardens of their own.

Grades K-1

Free; also available online

Free lesson plan CD available, while supplies last

#### ► WE Garden Lesson Packet

California Foundation for Agriculture in the Classroom (CFAITC) worked side-by-side with former First Lady Maria Shriver and staff to plan and install an edible garden at the state capitol. As a capstone to the project, CFAITC collaborated with other agriculture literacy organizations to provide 11 garden-related lesson plans aligned to content standards for grades 1-3 and 4-6. These downloadable lesson plans highlight activities that complement garden-related education and can be performed inside or outside the classroom. Lesson plans include California Crops, Read the Roots, Eat Your Plants, Frozen Canned or Fresh, and more.

Grades 1-3, 4-6

Free; available online only

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Can You Dig It?

The comprehensive instruction guide teaches plant processes and relates them to growing food. It supports the National Science Education Standards by promoting discovery through inquiry-based science as well as life science. Students will experience the planning, plantings, and care of a small garden while learning where food comes from. Teachers will appreciate the functionality of the book.

Grades K-6

\$21

Little Spirit Publishing, Inc.  
5410 Poncha Pass  
Colorado Springs, CO 80917  
Phone: (719) 237-4754  
Fax: (719) 591-0491  
E-mail: [digthefun@earthlink.net](mailto:digthefun@earthlink.net)  
Website: [www.canyoudigitgarden.com](http://www.canyoudigitgarden.com)

### Common Ground Urban Garden Program Materials

#### Children’s Gardens—A Field Guide for Teachers, Parents, and Volunteers

This 200-page field manual for beginning gardeners of all ages includes step-by-step instructions for developing school gardens. Third edition.

Grades K-8

Free; available online only

#### Common Ground Garden Program

Information on many gardening topics, including monthly gardening tips, school gardens, community gardens, starting a new garden, composting, planting times, trace elements in soil, container gardening, saving water in vegetable gardens, and recycling throwaways into useful garden tools.

Adult

Free; available online only

Many resources available in Spanish

#### Master Gardener Volunteer Training Program

Available to Los Angeles County residents only. Training in all aspects of horticulture, outreach, and networking. One of 20 major metropolitan area programs funded by USDA to help low-income county residents become more self-sufficient by growing and eating more nutritious vegetables. Annually every Saturday in March, April, and May. Application packets available December 1-January 15. Submission deadline is January 31 of each year. Main criteria for acceptance is considerable previous and current involvement in community service and initiative in establishing garden projects.

Adult

\$175 materials fee

Partial scholarships for low-income participants

#### School Garden Start-Up Guide

Six-page pamphlet provides easy steps to building a sustainable school garden program. Learn how to make raised beds, work with volunteers, and more!

Grades K-adult

Free; available online only

Available in English and Spanish

Common Ground Garden Program  
University of California Cooperative Extension  
4800 East Cesar E. Chavez Avenue  
Los Angeles, CA 90022  
Phone: (323) 260-3407  
Fax: (323) 881-0067  
E-mail: [ydsavio@ucdavis.edu](mailto:ydsavio@ucdavis.edu)  
Website: [celosangeles.ucdavis.edu/Common\\_Ground\\_Garden\\_Program](http://celosangeles.ucdavis.edu/Common_Ground_Garden_Program)

## ► Down-To-Earth

This guide includes the basics of botany, the gist of gardening, the essentials of ecology, and more.

Grades 6-8  
\$15 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## EarthBox® Instructional School Gardens

This scientifically-engineered, self-watering growing system, available with organic medium, is used as an educational tool in the classroom. Age-specific and teacher-friendly standards-based curricula engage students in hands-on activities and experiments. Students experience science, nutrition, physical fitness, and gardening while fostering community and entrepreneurship using the Youth Garden Guide. EarthBox gardens can be set up on grass, brown lots, concrete, asphalt, mulch, and roof-tops.

Grades PreK-12  
Prices vary

EarthBox  
1350 Von Storch Avenue  
Scranton, PA 18509  
Phone: (800) 821-8838  
Fax: (570) 504-0985  
Website: [www.earthbox.com/education](http://www.earthbox.com/education)

## Easy Garden Raised Planting Beds, Cold Frames & More

These maintenance-free aluminum garden beds are used in school gardens. Beds come complete with all hardware and instructions for easy assembly. Cold frames, screen covers, trellises, and portable poultry shelters are also available.

Grades K-adult  
Prices vary  
Discounts available for schools

Easy Garden  
Post Office Box 177  
Carl Junction, MO 64834-0177  
Phone: (800) 257-8744  
Fax: (417) 649-7278  
E-mail: [eb@easy-garden.com](mailto:eb@easy-garden.com)  
Website: [www.easy-garden.com](http://www.easy-garden.com)

## Fulcrum Publishing Materials

### Native American Gardening, Stories, Projects, and Recipes for Families

With stories and gardening activities, this book invites readers to learn about growing native crops and using them in recipes. Learn how to make corn husk dolls and gourd birdhouses, play the Cherokee Butterbean Game, and more.

Grades K-adult  
Prices vary

### Unearthing Garden Mysteries, Experiments for Kids

This 96-page book puts the garden under a magnifying glass and lets students explore its wonders. Ideal for schools with instructional gardens or hands-on life science units. More than 20 classroom-tested projects.

Grades 3-adult  
\$17.95 plus s/h

Fulcrum Publishing  
4690 Table Mountain Drive, Suite 100  
Golden, CO 80403  
Phone: (303) 277-1623  
Toll free: (800) 992-2908  
Fax: (303) 279-7111  
Website: [www.fulcrumbooks.com](http://www.fulcrumbooks.com)

### The Garden Game

In this illustrated board game, players feed the soil, plant seeds, nurture plants, have harvest festivals, and help each other through natural disasters. Win by planting the largest garden and saving the most seeds! Children learn how seasons affect their garden, which insects are beneficial, the importance of composting, and more.

Grades 2-adult  
\$29.95 plus s/h

Gardening with Kids  
Phone: (800) 538-7476  
Website: [www.gardeningwithkids.org/22-6505.html](http://www.gardeningwithkids.org/22-6505.html)

### Garden of Learning

Garden of Learning offers a school year's worth of lessons connecting learning to school gardens. Lesson plans include background information and grade-specific worksheets that challenge students to build skills in writing, math, observations, data collecting, and microscopic work.

Grades 2-6  
\$395

Garden of Learning  
E-mail: [gardenoflearningK6@earthlink.net](mailto:gardenoflearningK6@earthlink.net)  
Website: [www.gardenoflearningk6.com](http://www.gardenoflearningk6.com)

### ► Gardening Curriculum

Includes multiple grade-level activity guides with activities in six categories: “Garden Planning,” “Planting,” “While You Wait,” “Garden Care,” “Harvesting & Storage,” and “Careers.”

Grades 4-8  
\$3.95-\$4.95/each  
\$22.25 for set of 6

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Gardening for Optimal Nutrition

Booklet published by Cortesia Press with nutritional information for dozens of vegetables. Gardening tips, best practices, and other health and gardening information included.

Grades 3-adult  
10 for \$10, 30 for \$25, 250 for \$125

America the Beautiful Fund  
725 15th Street NW, Suite 605  
Washington, DC 20005-2109  
Phone: (202) 638-1649  
Fax: (202) 638-2175  
E-mail: [katie@america-the-beautiful.org](mailto:katie@america-the-beautiful.org)  
Website: [www.freeseeds.us](http://www.freeseeds.us)

### Gardens for Learning: Creating and Sustaining Your School Garden

This comprehensive guidebook provides detailed step-by-step instructions for creating a school garden through inspirational testimonials; reference list of resources, training opportunities, and fundraising ideas is also included.

Grades K-adult  
Free; available online only

California School Garden Network  
Website: [www.csgn.org](http://www.csgn.org)

### ► Green Thumbs

With a few seeds, some water and soil, and a bunch of great activities, kids can discover the pleasure and the importance of working with nature. More than 80 gardening activities to do indoors or outside.

Grades K-6  
\$14.95

Chicago Review Press  
814 North Franklin Street  
Chicago, IL 60610  
Toll free: (800) 888-4741  
Fax: (312) 337-5110  
E-mail: [frontdesk@chicagoreviewpress.com](mailto:frontdesk@chicagoreviewpress.com)  
Website: [www.chicagoreviewpress.com](http://www.chicagoreviewpress.com)

### Junior Master Gardener® Program Materials

#### Growing Good Kids<sup>sm</sup>

The Junior Master Gardener Program® is an international youth gardening program that ignites a passion for learning, success, and service. JMG teaches horticultural and environmental science concepts, as well as leadership skill development through novel, hands-on activities. This program uses horticulture as a vehicle to enhance science, mathematics, language arts, and social studies. To culminate their learning, students can participate in service projects and earn certification as Junior Master Gardeners or in a specific content area. This program was developed for classroom use and is very successful in other youth outreach programs including 4-H, Scouts, and after-school programs. Core curriculum contains Level 1 Teacher/Leader Guide and JMG Youth Handbook. Available in English and Spanish.

Grades 3-8  
Free program registration and certifications; variable curriculum costs

#### Literature in the Garden

This curriculum seeks to engage children through powerful garden- and ecology-themed children's books. It uses six books to inspire learning through outdoor activities, creative expression, and open exploration. Dozens of hands-on activities encourage leadership development, individual responsibility, community involvement, and the development of critical thinking skills. Books not included.

Grades 3-5  
\$35

### Wildlife in the Garden

This resource helps youth understand wildlife and their needs. Students learn to appreciate the contribution and aesthetic value wildlife brings to a garden habitat. Multiple lessons and activities allow students to be involved in service learning projects. Students can earn certification as Wildlife Gardeners.

Grades 3-8  
\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

### Kids in the Garden

Kids in the Garden is a colorful series for young gardeners that will inspire kids to get their hands dirty. Encourage environmental stewardship and promote a healthy lifestyle through the 15-program DVD series. Each closed-captioned program includes hands-on activities with project lists. Titles include Soil, Seeds, Flowers, Leaves, How Plants Work, Fruit, Fungi, Plant Survivors, Herbs, Creatures, Trees, Useful Plants, Cacti, and Indoor Gardens.

Grades 3-6  
\$99 each

Film Ideas, Inc.  
308 North Wolf Road  
Wheeling, IL 60090  
Phone: (800) 475-3456  
Fax: (847) 419-8933  
E-mail: [info@filmideas.com](mailto:info@filmideas.com)  
Website: [www.filmideas.com](http://www.filmideas.com)

### Life Lab Materials

#### Garden Habitats—Fourth Grade Science Investigation

This grouping of seven lesson plans, taken from the Life Lab Science Curriculum, focuses on garden habitats and meets the fourth grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 4  
Free; available online only

### Garden Signs

Colorful, informational signs to post in your garden. Signs include: Birds, Bats, Bees, Butterflies and Beyond; Science in the Garden; How to Compost; Why Compost?; Vermicomposting; Worm Anatomy; Plant Needs; Plant Adaptations; Chickens; and Weather. Signs come as digital images on a disk with directions for printing them on vinyl or ordering weather-resistant professional signs.

Grades K-8  
\$20; download online

#### Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms

This Life Lab Science Program has distilled over 20 years of world-wide school garden experience into a concise, 50-page guide that asks and answers most questions you need to consider for creating an outdoor classroom garden.

Grades K-12  
Free; available online only

#### ► Kids' Garden Activity Cards

Forty interactive activities and games encourage children to engage with the outdoors and appreciate the green world around them. Each double-sided card has step-by-step activity instructions with colorful collage artwork. Budding green-fingered gardeners will learn to plant, investigate, and experiment!

Grades 3-8  
\$19.99

#### Life Lab Curriculum

Life Lab Science is a core curriculum that integrates earth, life, and physical science concepts within the context of a Living Laboratory school garden. Inquiry-oriented lessons, both outdoors and in the classroom, encourage students to ask questions and explore multiple solutions. Unit topics, such as soil, water, weather, plants, and animals, use a developmental approach based on students' prior knowledge. Assessment is embedded in the activities and extensions are included. Life Lab is grade level specific. Teacher instructional manuals, unit planners, English and Spanish student worksheets, and more can be sold as a group or separately.

Grades K-5  
Prices vary

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## National Gardening Association Materials

### From Seed to Seed: Plant Science for K-8 Educators

This online course is for educators who already incorporate botany and gardening into their curriculum and for those who would like to do so. In addition to core botanical and horticultural information, this resource includes illustrations, photographs, inspirational stories, and standards-based activities and experiments.

Grades K-8  
\$60

### The Garden Game

A board game that teaches children how changing seasons affect their garden, that insects are garden helpers, and more. A big hit with kids of all ages!

Grades 3-adult  
\$29.95 plus s/h

### GrowLab: Activities for Growing Minds

This 320-page, K-8 curriculum guide includes creative, interdisciplinary activities to help you stimulate scientific inquiry with an indoor garden. Includes reproducible student record keeping sheets and a comprehensive, annotated resource section.

Grades K-8  
\$24.95 plus s/h

### GrowLab: A Complete Guide to Gardening in the Classroom

This 128-page teacher's guide has a wealth of information on the "how-to" of indoor gardening, with many useful ideas for class projects and activities. It also includes plans for building a homemade GrowLab Indoor Garden.

Grades K-8  
\$19.95 plus s/h

### Kidsgardening.org

This website is loaded with inspiration, advice, and resources for anyone who gardens with children. It features a searchable article library of classroom stories; loads of plant and garden-based activities for use in the classroom or at home; a school garden registry; and news on grants, awards, conferences, and other items of interest.

Grades K-12  
Free online information

## Math in the Garden

This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All were developed to support mathematics and science standards and were extensively trialed by educators and youth leaders nationwide. Developed by the University of California Botanical Garden and Lawrence Hall of Science in Berkeley, California.

Grades K-8  
\$29.95

## Schoolyard Mosaics

In collaboration with educators who have transformed schoolyards into wildlife habitats, gardens, and outdoor classrooms, this book offers advice on how to involve students in the design process, build community support, and integrate the project into your curriculum.

Grades K-12  
\$19.95 plus shipping

## Steps to a Bountiful Kids' Garden

This how-to guide contains all you need to launch and sustain a school or community kids' gardening program. Topics include rallying support, recruiting volunteers, developing a garden site, controlling pests, and more.

Grades K-12  
\$12.95 plus s/h

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## NeoGardens

Introduces the use of clay pot irrigation for arid or drought regions so that communities or families can bring gardening into day-to-day healthy living practices.

Grades K-adult  
Prices vary

NeoGardens  
2825 Candelaria NW  
Albuquerque, NM 87107  
Phone: (888) 304-7042  
E-mail: [info@neogardens.com](mailto:info@neogardens.com)  
Website: [www.neogardens.com](http://www.neogardens.com)

## Science of Gardening

Like all great endeavors, gardening is both a science and an art. Explore the three website areas entitled “Feed,” “Control,” and “Bloom.” Explore how plants are grown in Antarctica, how to make a manure tea, or how to create a plant variety.

Grades 4-adult  
Free online information

Exploratorium  
Palace of Fine Arts  
3601 Lyon Street  
San Francisco, CA 94123  
Phone: (415) EXP-LORE  
E-mail: [pubinfo@exploratorium.edu](mailto:pubinfo@exploratorium.edu)  
Website: [www.exploratorium.edu/gardening](http://www.exploratorium.edu/gardening)  
Website: [www.exploratorium.edu/ti](http://www.exploratorium.edu/ti)

## Teams with Intergenerational Support, Focus on Gardening and Nutrition (TWIGS)

Includes 30 field-tested lessons connecting gardening with nutrition for children. Each one-hour, hands-on activity offers extensions and contains reproducible handouts. Correlations to California Content Standards are available upon request.

Grades K-6  
Free brochure  
\$25 includes s/h; make check payable to UC Regents

UCCE San Mateo/San Francisco County  
80 Stone Pine Road, Suite 100  
Half Moon Bay, CA 94019  
Phone: (650) 726-9059  
Fax: (650) 726-9267  
E-mail: [mjjohns@ucdavis.edu](mailto:mjjohns@ucdavis.edu)  
Website: [cesanmateo.ucdavis.edu](http://cesanmateo.ucdavis.edu)

## ► UC Victory Grower Website

Website with gardening resources about the history, policy, and practice of gardening to enhance and support food security.

Grades K-adult  
Free; available online only

University of California Cooperative Extension  
669 County Square Drive, #100  
Ventura, CA 93003  
Phone: (805) 645-1466  
Website: [www.ceventura.ucdavis.edu](http://www.ceventura.ucdavis.edu)  
Website: [www.groups.ucanr.org/victorygrower](http://www.groups.ucanr.org/victorygrower)

## Western Growers Foundation

The Foundation supports nutrition education through the School Garden Program. Grant applications, school garden resources, tips, and more are available online.

Grades K-adult  
Free online information

Western Growers Foundation  
Post Office Box 2130  
Newport Beach, CA 92658  
Phone: (949) 885-2259  
Fax: (949) 809-6259  
Website: [www.westerngrowersfoundation.org](http://www.westerngrowersfoundation.org)  
Website: [www.producepedia.com](http://www.producepedia.com)

## Genetics

Also see Biotechnology and Science listings

### ► Indicates new for 2011-2012

## California Foundation for Agriculture in the Classroom Materials

### From Genes to Jeans

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about the viability and ethics associated with biotechnology. Aligned to the Content Standards for California Public Schools.

Grades 7-9  
Free; also available online  
Free lesson plan CD available, while supplies last

### Where'd You Get Those Genes?

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. Aligned to the Content Standards for California Public Schools.

Grades 5-7  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### ► Garden Genetics: Teaching With Edible Plants

This two-part set—a teacher edition and companion student edition—is adaptable to biology students at all levels. It uses a series of activities and inquiry-based experiments with familiar foods to teach genetics while helping students make connections to ecology, evolution, plant biology, and social science.

Grades 9-12  
\$21.95

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Virtual DNA Fingerprinting Laboratory

In this CD-ROM activity, students are placed in a virtual laboratory where they must utilize molecular biology techniques to solve a forensic mystery. Over the course of seven episodes, students collect evidence, extract DNA, perform a southern blot, use PCR, and finally solve the crime. The CD-ROM also contains CEPRAP's Germ Wars software.

Grades 9-12  
Free; also available online

Barbara Soots  
Department of Plant Pathology  
University of California, Davis  
One Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-6552  
Fax: (530) 754-4410  
E-mail: [besoots@ucdavis.edu](mailto:besoots@ucdavis.edu)  
Website: [pbge.ucdavis.edu](http://pbge.ucdavis.edu)

## Geography

### Food for Thought

Food for Thought is a standards-based, ready-to-use program designed for use in grades 3-5 as a supplement to your health, social studies, and mathematics curricula. Through the program's exciting, interactive learning activities, students utilize important thinking, research, and math skills. They become more aware of the nutritional value of the foods they eat, learn all about their home state, and solve challenging math problems.

Grades 3-5  
Free; available online

California Olive Industry  
2665 North Air Fresno Drive, Suite 108  
Fresno, CA 93727  
Phone: (559) 456-9096  
E-mail: [psbea@vittleinformation.com](mailto:psbea@vittleinformation.com)  
Website: [www.calolive.org](http://www.calolive.org)

### National Geographic Society

Numerous resources related to geography and agriculture are available. The Windows on Literacy program is just one example of how geography can be used to teach reading and writing using agriculture. Use the website to search for desired materials.

Grades K-adult  
Free information

National Geographic Society  
Post Office Box 10041  
Des Moines, IA 50340-0041  
Toll free: (888) 225-5647  
E-mail: [education@nationalgeographic.com](mailto:education@nationalgeographic.com)  
Website: [nationalgeographic.com/education](http://nationalgeographic.com/education)

## Goats

### ► Indicates new for 2011-2012

### Life on a Goat Farm

This nonfiction book with simple text and colorful photographs describes the work involved in dairy goat farming.

Grades 2-5  
\$23.93 plus s/h  
School and library discounts available

Lerner Publishing Group  
Customer Service  
1251 Washington Avenue North  
Minneapolis, MN 55401-1036  
Toll free: (800) 328-4929  
Fax: (800) 332-1132  
E-mail: [custserve@lernerbooks.com](mailto:custserve@lernerbooks.com)  
Website: [www.lernerbooks.com](http://www.lernerbooks.com)

### National 4-H Cooperative Curriculum System, Inc. Materials

### ► Dairy Goat Youth Activity Guide Set

This set includes three dairy goat activity guides and a helper's guide. Whether it's exploring goat management, selection, health, reproduction, showing, judging products, or careers, youth will expand their dairy goat knowledge and skills. Participants will also practice the life skills of record keeping, decision making, leadership, communication, planning and organizing, and more.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h



**► Meat Goat Youth Activity Guide Set**

This set includes three meat goat activity guides and a helper's guide. The series engages youth in activities related to breeds, health care, grooming, production, reproduction, management, showmanship, marketing, and careers.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

**Grapes**

Also see **Fruit** listings

**California Grapes**

This children's book helps students understand how grapes came to California and the process involved in getting them from the vineyard to their tables.

Grades 3-6  
\$12.95 plus s/h; quantity discounts available.  
Free poster and musical CD with purchase of 10 or more books.

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

**California Table Grape Commission**

The commission offers industry information sheets, posters, kids' brochures, and nutrition and environmental lesson plans. Available in limited quantities.

Grades K-12  
Free; also available online

California Table Grape Commission  
392 West Fallbrook, #101  
Fresno, CA 93711-6150  
Phone: (559) 447-8350  
Fax: (559) 447-9184  
E-mail: [info@grapesfromcalifornia.com](mailto:info@grapesfromcalifornia.com)  
Website: [www.freshcaliforniagrapes.com](http://www.freshcaliforniagrapes.com)

**Table Grapes Fact and Activity Sheet**

This California-specific fact sheet includes information on table grape production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts about grapes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

**Greenhouses****Construct a Greenhouse**

This 104-page guide engages high school students in a problem-solving challenge to design and build a physical system that provides an optimal environment for plant growth. In addition to learning and applying concepts in thermodynamics, light absorption, and plant biology, students must make a range of decisions as they encounter cost constraints, construction alternatives, and environmental challenges while building a prototype greenhouse.

Grades 9-12  
\$15.95 plus s/h; order #PP152X3

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

**School Greenhouse Guide**

This online resource offers advice on how to plan for and operate a greenhouse, provide good growing conditions, and integrate greenhouse projects into the calendar and school curriculum.

Grades K-adult  
Free online information

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## Herbs

### American Mint

This documentary is a four-part series and explains the history of mint production. Learn about Wrigley, Beech Nut, and more. A one-video version (53 minutes) describes the historic Crosby mint still.

Grades 4-adult  
\$59.95 plus s/h, set of four videos  
Crosby video only, \$19.95 plus s/h

Heritage Productions  
Post Office Box 5897  
Fresno, CA 93755  
Phone: (559) 224-1698  
Fax: (559) 224-1698  
E-mail: [info@mintstills.com](mailto:info@mintstills.com)  
Website: [www.mintstills.com](http://www.mintstills.com)

### Squaw Valley Herb Gardens

This website invites you to explore the fascinating world of herbs. Includes a variety of tour packages for groups and individuals with photos, descriptions, calendar of events, and workshops.

Squaw Valley Herb Gardens  
31765 East Kings Canyon Road  
Squaw Valley, CA 93675  
Phone: (559) 332-2909  
Toll free: (800) 579-8043  
E-mail: [rosemary@squawvalleyherbgardens.com](mailto:rosemary@squawvalleyherbgardens.com)  
Website: [www.squawvalleyherbgardens.com](http://www.squawvalleyherbgardens.com)

## History

Also see **Agriculture-General** and **Economics** listings

### ► Indicates new for 2011-2012

### Agricultural History

Quarterly journal of research pertaining to the history of agriculture in all its phases by the Agricultural History Society. Edited at Rollins College.

Grades 9-adult  
Free online information and subscription price listings

The Sheridan Press  
Attn: Agricultural History  
Post Office Box 465  
Hanover, PA 17331  
Phone: (717) 632-3535  
Fax: (717) 633-8920  
E-mail: [pubsvc@tsp.sheridan.com](mailto:pubsvc@tsp.sheridan.com)  
Website: [www.aghistorysociety.org/journal](http://www.aghistorysociety.org/journal)

### America the Bountiful

This resource offers 22-minute segments in a six-part video/DVD series about American agriculture. From the earliest roots of Indian corn, the series touches every era of American history to document the agricultural triumphs and tragedies that shaped our nation. 138 minutes, six sections, six printable resources, and 10 Web resources.

Grades 4-12  
\$216 for complete series

Visual Education Productions  
1020 SE Loop 289  
Lubbock, TX 79404  
Fax: (800) 243-6398  
Website: [www.cevmultimedia.com](http://www.cevmultimedia.com)

### American Forests' Historic Tree Program

Catalog describes numerous trees available for sale. The trees available are associated with certain people of the nation's historical heritage. The catalog describes the history of each tree, including the person it represents.

Grades 4-adult  
Free catalog

American Forests' Historic Tree Program  
8300 Pritchard Road  
Jacksonville, FL 32219  
Toll free: (800) 320-TREE  
E-mail: [jrankin@amfor.org](mailto:jrankin@amfor.org)  
Website: [www.historictrees.org](http://www.historictrees.org)  
Website: [www.amfor.org](http://www.amfor.org)

### ► California's Gold

This series highlights California's rich history and natural wonders. Host Huell Howser uncovers the colorful people and exciting places that make California so special. Agriculture-related episodes include "Hmong Farmers," "Centennial Farm," "Persimmons," and many more.

Grades 6-adult  
\$21.70 VHS, \$24.96 DVD

Huell Howser Production  
4401 Sunset Boulevard  
Los Angeles, CA 90027  
E-mail: [huell@calgold.com](mailto:huell@calgold.com)  
Website: [www.calgold.com](http://www.calgold.com)

## Celebrate America

This social studies supplement provides students the opportunity to explore the foods and traditions of their own individual cultural backgrounds and gather information about how and when their families came to America. The kit includes a video, leader's guide containing activity masters, and a full-color poster. This resource is aligned with California Content Standards.

Grades 4-5

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

## Growing a Nation: The Story of American Agriculture

This online resource, also available as a DVD, provides educators and students with information, lessons, and resources about our nation's agriculture. Includes an agricultural timeline. Instructional unit also available.

Grades 7-adult

Free online information

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

### ► Harvest of History Website

This student-friendly site explores where food comes from, how and where it grows, and compares life in 1845 with our modern world. Students can produce their own movie using a "Village Videomaker." Interdisciplinary curriculum for fourth grade students explores how agriculture has been, and still is, an integral part of our lives.

Grades 3-8

Free; available online only

The Farmers' Museum  
Post Office Box 30  
Cooperstown, NY 13326  
Phone: (607) 547-1450  
Toll free: (888) 547-1450  
Fax: (607) 547-1499  
E-mail: [info\\_farmers@nysha.org](mailto:info_farmers@nysha.org)  
Website: [www.harvestofhistory.org](http://www.harvestofhistory.org)

## Illinois Agriculture: Innovation and Invention

This CD-ROM is available for educators to explore social sciences, geography, science, and more. This resource can be used in a United States history class.

Grades 5-adult

\$15 plus shipping

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## The Old Farmer's Almanac

The Old Farmer's Almanac includes interesting facts and information about agriculture's history, the current weather, and more. The Old Farmer's Almanac for Kids is available in full-color.

Grades 2-adult

\$5.99 for annual adult version

\$9.95 for bi-annual kids edition

Yankee Publishing Company, Inc.  
Post Office Box 520  
Dublin, NH 03444  
Phone: (603) 563-8111  
Toll free: 800-ALMANAC  
Website: [www.almanac.com](http://www.almanac.com)  
Website: [www.almanac4kids.com](http://www.almanac4kids.com)

## Outstanding in their Fields: California Women Farmers

Outstanding in their Fields profiles 17 contemporary women farmers and ranchers who demonstrate the pioneering spirit, creativity, and courage that animates much of the artisanal agriculture, where women are leading the way. For many of these agriwomen, farming is a second occupation following careers in business, science, and aeronautics.

Grades 9-adult

\$16.95 plus s/h

Small Farm Center  
University of California  
One Shields Avenue  
Davis, CA 95616-8699  
Phone: (530) 752-7779  
Fax: (530) 752-7716  
E-mail: [sfcenter@ucdavis.edu](mailto:sfcenter@ucdavis.edu)  
Website: [www.sfc.ucdavis.edu](http://www.sfc.ucdavis.edu)

### What's Cooking America Website

This website provides the history of many favorite foods including hamburgers, gumbo, and artichokes.

Grades 4-adult

Free; available online only

What's Cooking America

Website: [www.whatscookingamerica.net](http://www.whatscookingamerica.net)

## Honey

Also see **Bees** listings

### The Honey Files: A Bee's Life

This 20-minute VHS or DVD video and 96-page teacher's guide will have you and your students buzzing! These fun, new, educational materials provide information, classroom activities, and worksheets about bees, honey, and pollination.

Grades 4-6

\$15, includes s/h

Discounts available for educators

National Honey Board  
11409 Business Park Circle, Suite 210  
Firestone, CO 80504  
Phone: (303) 776-2337  
Toll free: (800) 553-7162  
Fax: (303) 776-1177  
Website: [www.honey.com](http://www.honey.com)

## Horses

### American Quarter Horse Association Materials

#### American Quarter Horse Materials

Booklets and posters with general information, anatomy, and history of the American Quarter Horse are available.

Grades K-12

Free

#### Junior Master Horseman Curriculum

Junior Master Horseman is a non-breed specific equine curriculum that uses a variety of activities that reinforce the lessons on an interactive website. There are comprehension checks after each of the eight chapters. For more details on this curriculum, visit [JuniorMasterHorseman.com](http://JuniorMasterHorseman.com).

Grades 2-4

\$14.95 plus s/h

Order online

American Quarter Horse Association  
Post Office Box 200  
Amarillo, TX 79168  
Phone: (806) 378-4707  
Fax: (806) 349-6403  
E-mail: [cmartin@aqha.org](mailto:cmartin@aqha.org)  
Website: [www.aqha.com](http://www.aqha.com)

### Tennessee Walking Horse Breeders' and Exhibitors' Association

This association has background information on the Tennessee Walking Horse, which is known for its smooth ride and its use by mounted police. A variety of informational brochures are available.

Grades 2-adult

Free

Tennessee Walking Horse Breeders' and Exhibitors' Association  
Post Office Box 250  
Lewisburg, TN 37091-0286  
Phone: (931) 359-1574  
Fax: (931) 359-7530  
E-mail: [c Coffey@twbhea.com](mailto:c Coffey@twbhea.com)  
Website: [www.twbhea.com](http://www.twbhea.com)

# Horticulture

Also see **Careers**, **Flowers**, and **Gardening** listings

## American Horticultural Society

The American Horticultural Society is a national membership organization offering authoritative resources, publications, and educational programs. Among the educational initiatives, the Society promotes the value of children and youth gardening programs. The Society, in partnership with the National Junior Master Gardener program, presents the “Growing Good Kids: Excellence in Children’s Literature Award” to honor engaging and inspiring plant, garden, and ecology-themed books for children.

Grades PreK-adult  
Online information

American Horticultural Society  
7931 East Boulevard Drive  
Alexandria, VA 22308  
Phone: (703) 768-5700  
Toll free: (800) 777-7931  
Fax: (703) 768-8700  
E-mail: [youthprograms@ahs.org](mailto:youthprograms@ahs.org)  
Website: [www.ahs.org](http://www.ahs.org)

## High School Horticulture Certification

The purpose of this certification is to improve the quality of horticulture programs, curriculum, and facilities; increase career awareness in the horticulture industry; and encourage students to continue their education toward a career in horticulture.

Grades 9-12  
Free

California Association of Nurseries and Garden Centers  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 928-3900  
Fax: (916) 567-0505  
E-mail: [info@cangc.org](mailto:info@cangc.org)  
Website: [www.cangc.org](http://www.cangc.org)

## Operation WATER: Dr. Thistle Goes Underground

This Junior Master Gardening curriculum combines the teacher/leader guide with reproducible pages. Through dozens of engaging and fun activities, students can investigate important soils and water concepts, take part in service learning projects, and earn Junior Master Gardener certification—all while undertaking an urgent mission to foil the newest plans of Dr. Thistle! Aligned with National Content Standards.

Grades 6-8  
\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

# Hydroponics

## Exploring Classroom Hydroponics

This online resource will help you understand hydroponics basics, set up classroom systems, and engage students in plant growing activities that do not use soil.

Grades K-12  
Free online information

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## Insects

Also see **Ants**, **Bees**, and **Ladybugs** listings

### ► Indicates new for 2011-2012

#### ► Entomology Youth Activity Guide Set

This set includes three entomology activity guides and a helper's guide. Students explore the amazing world of insects and their arthropod relatives. Each guide introduces students to age-appropriate content, including activities that teach valuable life skills through insects found in the soil, on plants, in homes, on pets, and in other secret places.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

#### Garden Pollinators—Third Grade Science Exploration

This grouping of seven lesson plans, taken from the Life Lab Science Curriculum, focuses on pollinator studies and meets the third grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 3  
Free; available online only

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

#### Insect Lore

Insect Lore specializes in living science and nature kits, including butterflies, silkworm eggs, ladybugs, ants, praying mantises, mealworms, and earthworms for the school and home. Videos, puppets, plant growing kits, games, science projects, puzzles, and music are also available.

Grades K-12  
Free catalog

Insect Lore  
Post Office Box 1535  
132 Beech Street  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

## Kiwifruit

### Kiwifruit Educational Resources

Download nutritional information, poster, and lessons about kiwifruit.

Grades 2-6  
Free

California Kiwifruit Commission  
770 East Shaw, Suite 220  
Fresno, CA 93710  
Phone: (559) 226-4780  
Fax: (559) 226-6721  
E-mail: [info@kiwifruit.org](mailto:info@kiwifruit.org)  
Website: [www.kiwifruit.org](http://www.kiwifruit.org)

## Ladybugs

Also see **Insects** listings

### Ladybug! Ladybug! A Curriculum Activity Guide

Packed with over 50 ladybug activities, this guide features science, math, and language arts activities to do over a month-long period. Patterns are full size and ready for the copier.

Grades PreK-3  
\$15.99 plus s/h

Insect Lore  
Post Office Box 1535  
132 Beech Street  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

### Ladybugs

This popular GEMS unit presents key science and math concepts, including basic information on animal life and ecology.

Grades PreK-1  
\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

## Literature

Also see individual subject matter listings

### Agricultural Awareness Through Poetry

Students gain an appreciation of the role agriculture plays in their lives as they read and analyze poetry and write an agricultural poem of their own.

Grades 9-10

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Green Eggs and Agriculture

Celebrate Dr. Seuss' birthday the agriculture way—lessons with an ag theme correlated to Dr. Seuss books! Downloadable from [www.agintheclassroom.org/060605/Teachers/Printable/printable\\_home.html](http://www.agintheclassroom.org/060605/Teachers/Printable/printable_home.html).

Grades PreK-4

Free download

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aicc@ilfb.org](mailto:aicc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Imagine this... Stories Inspired by Agriculture

This soft cover book of colorful, agriculture related stories features winning entries of the *Imagine this...* Story Writing Contest, illustrated by high school art students.

Grades 3-8

\$6

California Foundation for Agriculture in the Classroom  
Attn: *Imagine this...* Story Writing Contest  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [imaginethis@learnaboutag.org](mailto:imaginethis@learnaboutag.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Livestock

Also see Beef Cattle, Chickens, Dairy, Goats, Pork, Sheep, and Turkey listings

### Livestock Cards

This full-color set of six cards provides illustrations about livestock, including beef cattle, sheep, dairy cattle, poultry, swine, and a vocabulary card. The back side of the card has basic information about each species.

Grades K-adult

\$4 for each set plus s/h

Available free online

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

## Mathematics

Also see Agriculture-General, Economics, and Statistics listings

### GEMS - Great Explorations in Math and Science

Teacher guides and handbooks encourage activity-based science and mathematics. Titles include "Eggs Eggs Everywhere," "Buzzing a Hive," and "Vitamin C Testing."

Grades PreK-8

Free catalog

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

## Math in the Garden

This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All were developed to support mathematics and science standards and were extensively trialed by educators and youth leaders nationwide. Developed by the University of California Botanical Garden and Lawrence Hall of Science in Berkeley, California.

Grades K-8  
\$29.95

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## NASS Education and Outreach

Census of Agriculture lesson plans help increase student awareness of statistics and agriculture. Developed by USDA's National Agricultural Statistics Service and the National FFA Organization, this series of K-12 online learning tools and outreach kits are available to increase statistical literacy through the exploration and use of data from the Census of Agriculture. [www.nass.usda.gov/Education\\_and\\_Outreach](http://www.nass.usda.gov/Education_and_Outreach)

Grades K-12  
Free; also available online

USDA National Agricultural Statistics Service  
1400 Independence Avenue SW, Room 5030  
Washington, DC 20250  
Toll free: (800) 727-9540  
Fax: (202) 690-2090  
E-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

## Population Education Resources

Downloadable activities and instructional materials, listed by grade level and subject matter, help investigate food systems and food supply.

Grades K-12  
Free online

Population Education  
2120 L Street NW, Suite 500  
Washington, DC 20037  
Toll free: (800) POP-1956  
E-mail: [PopEd@populationconnection.org](mailto:PopEd@populationconnection.org)  
Website: [www.PopulationEducation.org](http://www.PopulationEducation.org)  
Website: [www.Worldof7Billion.org](http://www.Worldof7Billion.org)

## Minerals

Also see **Fertilizers** listings

### ► Indicates new for 2011-2012

## Mineral Information Institute Materials

### ► Mineral Bookmarks

This laminated bookmark set features 40 mineral commodities with photos, information, everyday uses, and classification guides. Each bookmark has information printed on front and back.

Grades 7-adult  
\$15

### Mineral Information Institute

View the Mineral Information Institute website for lessons and information for teachers. Many ideas can be incorporated into science and agricultural curricula.

Grades K-12  
Free

Mineral Information Institute  
8307 Shaffer Parkway  
Littleton, CO 80127-4102  
Phone: (303) 948-4236  
Fax: (303) 948-4265  
E-mail: [mii@mii.org](mailto:mii@mii.org)  
Website: [www.mii.org](http://www.mii.org)

## Mushrooms

### Educator's Mushroom Growth Kit

This mushroom kit includes a lesson plan complete with classroom, laboratory, and extension activities; mushroom life cycle and anatomy worksheets; Mushroom Modules containing medium and mushroom spores; and all materials and equipment needed for the growth of the mushrooms. Select from one of three grade-level groupings. Each lesson plan includes a full chapter's worth of textbook-style background information as well as concepts, science themes, and laboratory and extension activities. Reviewed and endorsed by the California Department of Education as a National Science Education Standards-based lesson. Indicate grade level lesson preference when ordering.

Grades K-4, 5-8, 9-12 and adult  
1 Module Kit, \$19.95 plus shipping  
2 Module Kits, \$29.95 plus shipping  
3 Module Kits, \$34.95 plus shipping  
4 Module Kits, \$39.95 plus shipping

Gourmet Mushrooms, Inc.  
Post Office Box 180  
Sebastopol, CA 95473  
Phone: (707) 823-1743  
Fax: (707) 823-1507  
Website: [www.mycopia.com](http://www.mycopia.com)



### Mushroom Fact and Activity Sheet

This California-specific fact sheet includes information on mushroom production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about mushrooms.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Music

### Agri-Licious Farm Smart Melodies

This CD brings the joy of agriculture to life with songs you can dance to. Expansion book includes song lyrics and activities.

Grades K-6  
CD and activity book: \$20

Nancy Caywood-Robertson  
1004 E. Holton Road  
El Centro, CA 92243  
Phone: (520) 560-1119  
E-mail: [nlwade@ucdavis.edu](mailto:nlwade@ucdavis.edu)

### Banana Slug String Band Materials

#### Dirt Made My Lunch

Come and sing in the garden with the Banana Slugs. This band's focus is on earth-sciences education. The wacky humor helps students get excited about science topics. Songs include "Dirt Made My Lunch," "Banana Slug," and "Roots, Stem, Leaves."

Grades K-8  
Prices vary

### Singing in Our Garden

Gardening has never been so much fun! Sing along with the Banana Slug String Band as you work in the garden or classroom. Highlights from the CD include "Give Plants a Chance" and "FBI (Fungus, Bacteria & Invertebrates)."

Grades K-8  
Prices vary

Banana Slug String Band  
Post Office Box 2262  
Santa Cruz, CA 95063  
Phone: (888) 327-5847  
Toll free: (888) 327-5847  
Fax: (888) 327-5847  
E-mail: [slugs@bananaslugstringband.com](mailto:slugs@bananaslugstringband.com)  
Website: [www.bananaslugstringband.com](http://www.bananaslugstringband.com)

### California Fruit Raps

After singing along with Karen Adler, students will be motivated to make some healthy choices by visiting the produce section at the market. This interactive CD and song book motivates students to eat California fruits.

Grades K-5  
\$19.95

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

### Food Safety Music

Carl Winter, Ph.D., has combined his passion for music with his expertise in food toxicology to teach children and adults about food safety. Dr. Winter's latest CD Still Stayin' Alive features numerous songs written to previous musical hits. Titles include "Eat It!," "Beware La Vaca Loca," and "You Better Wash Your Hands." Information regarding Dr. Winter's food safety music and CD are available on the website.

Grades 1-adult  
\$9.99 plus s/h

Carl Winter  
Food Science and Technology Department  
One Shields Avenue  
Davis, CA 95616-8598  
Phone: (530) 752-5448  
Fax: (530) 752-4759  
E-mail: [ckwinter@ucdavis.edu](mailto:ckwinter@ucdavis.edu)  
Website: [foodsafe.ucdavis.edu](http://foodsafe.ucdavis.edu)

### It's Harvest Time

Songs to teach children about the nutritional value of fruits and vegetables. Contains songs about the following fruits and vegetables: apples, pears, kiwifruit, sweet potatoes, oranges, broccoli, spinach, carrots, strawberries, salad greens, grapes, and green beans. CD and songbook included. It's Harvest Time II & III, featuring different agriculture commodities, is also available.

Grades PreK-3  
\$20 plus s/h

Sam Jones Music  
Post Office Box 743  
Norco, CA 92860  
Phone: (951) 543-2084  
Fax: (909) 930-5973  
E-mail: [sam@puppydogblues.com](mailto:sam@puppydogblues.com)  
Website: [www.samjonesmusic.com](http://www.samjonesmusic.com)

### Musical Plays for Musically Timid Teachers

These exciting musical plays come with an audio CD in which the composer demonstrates the songs and provides musical accompaniments. Includes the script and a teacher's guide containing set and staging information and costume and casting suggestions. Two of several titles is "The Garden Show" and "The Nutrition Show."

Grades 2-6  
\$39.95 each plus s/h; quantity discounts available

Bad Wolf Press  
5391 Spindrift Court  
Camarillo, CA 93012  
Toll free: (888) 827-8661  
Fax: (805) 484-3490  
E-mail: [ron@badwolfpress.com](mailto:ron@badwolfpress.com)  
Website: [www.badwolfpress.com](http://www.badwolfpress.com)

### Sons of the San Joaquin

This musical group has a passion for educating others about cowboys and cattle. "The Sons Sing for the Young and the Young at Heart" is a collection of music which has accompanying educational materials. School visits are also available.

Grades K-adult  
Free information

Sons of the San Joaquin  
491 Herndon Avenue, #253  
Clovis, CA 93612  
Toll free: (888) THE SONS  
Website: [www.thesons.com](http://www.thesons.com)

## Native Plants

Also see **Botany**, **Environment**, and **Gardening** listings

### California Native Plant Society

A valuable resource for those interested in native plants. Includes background information, resource book listings, lesson plans, and more.

Grades 3-adult  
Online information

California Native Plant Society  
2707 K Street, Suite 1  
Sacramento, CA 95816  
Phone: (916) 447-2677  
Fax: (916) 447-2727  
E-mail: [cnps@cnps.org](mailto:cnps@cnps.org)  
Website: [www.cnps.org](http://www.cnps.org)

## Newspapers

### Ag Alert®

This colorful weekly newspaper, available to California Farm Bureau Federation members, provides current information and articles on California's agriculture sector.

Grades 8-adult  
Free subscription to California Farm Bureau members  
Selected weekly stories available to the public online

Ag Alert®  
California Farm Bureau Federation  
2300 River Plaza Drive  
Sacramento, CA 95833  
Phone: (916) 561-5570  
Fax: (916) 561-5695  
E-mail: [agalert@cfbf.com](mailto:agalert@cfbf.com)  
Website: [www.agalert.com](http://www.agalert.com)

### What's Growin' On?

This 16-page annual newspaper for students highlights the many careers and agricultural products of California. Activities, trivia, readings, and graphics are sprinkled throughout, providing a connection for every learner. Activities are aligned to the Content Standards for California Public Schools.

Grades 3-8  
Free; also available online  
Free single copies or class sets, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Capital Press Agriculture Weekly Newspaper

This weekly newspaper provides current information about agriculture topics and events. Capital Press covers ag news in California, Idaho, Oregon, and Washington.

Grades 9-adult  
\$3.75 per month, \$49 per year

Capital Press - The West's Ag Weekly  
Post Office Box 2048  
Salem, OR 97308  
Toll free: (800) 882-6789  
E-mail: [treisner@capitalpress.com](mailto:treisner@capitalpress.com)  
Website: [www.capitalpress.com](http://www.capitalpress.com)

## Nutrition

Also see **Gardening** and specific subject matter listings

### ► Indicates new for 2011-2012

#### Acres of Adventures Activity Guides

Cultivating excitement for science and agriculture in after-school programs, this resource was developed in partnership with CFAITC and other state AITC programs. Book 1: All About Agriculture, Fast Food Agriculture, Mystery Agriculture, and Plant Detectives. Book 2: Agriculture Gone Wild, Farm Physics, Frontier Living, and Insect Invasion.

Grades 3-5  
\$7.50 each plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### ► Alexander's Enrichment Activities

This activity book was designed for parents and educators to use in conjunction with each of the Alexander books by Linda J. Hawkins. Included in the activity books are lesson plans, activity charts, word searches, and coloring sheets.

Grades K-3  
\$5.95 plus s/h

Heart to Heart Publishing, Inc.  
519 Muddy Creek Road  
Morgantown, KY 42261  
Phone: (270) 526-5589  
Toll free: (888) 526-5589  
Fax: (270) 526-7489  
E-mail: [hawkinslindaj@logantele.com](mailto:hawkinslindaj@logantele.com)  
Website: [www.lindajhawkins.com](http://www.lindajhawkins.com)

## Brain Child Books Materials

### Fruit and Vegetable Flash Cards

A box set of 48 (24 fruit and 24 vegetable) flash cards helps children develop identification, categorization, and vocabulary skills. Each 4.25" x 5.5" card is full-color, laminated, and washable.

Grades PreK-2  
\$12 plus s/h

### Memory-Match Ups Games

The food-themed Match Up memory games help students identify fruits and vegetables, and make healthy food choices. Each set contains 40 game cards, 20 different pictures and suggestions for different ways to play with 1 to 4 players.

Grades PreK-2  
\$6.25 plus s/h

Brain Child Books  
13324 Beckenham Drive, Suite 100  
Little Rock, AR 72212  
Phone: (501) 837-5081  
Fax: (501) 228-0908  
Website: [www.brainchildpress.com](http://www.brainchildpress.com)

## California Beef Council Materials

### Choose Well

This teaching kit focuses on nutrient-rich protein beef while bringing the nutrient-density message of MyPyramid and the dietary guidelines to life. The kit is a math and nutrition curriculum and contains a teacher guide, CD-ROM game, 15-minute DVD, 17 reproducible handouts, MyPyramid poster and more. This resource is aligned with California Content Standards.

Grades 4-5  
Free

### Fit for a Princess

Created for after-school programs for girls 8-12, this resource focuses on nutrition and being physically active. Participants earn a patch by completing five activities from the booklet and performing a reader's theater skit with their group. Kit includes leader's guide with reproducible activity sheets, student workbooks with punch-out crown, and Princess ZIP patches.

Grades 3-6  
Free

### MyPyramid—Food Guide Pyramid for Kids

These are sheet-size posters of the very colorful new Food Guide Pyramid for Kids. The nutritional value of beef is very important in a balanced diet and is shown in this MyPyramid poster.

Grades 1-12  
Free

**Power Up with Lean Beef**

This recipe brochure allows students to enjoy learning about the importance of beef in their daily diet. The brochure contains information on MyPyramid, lean cuts of beef, and ZIP (Zinc, Iron and Protein), while letting students have fun with a word search, word jumble, and hamburger maze.

Grades 3-9  
Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

**California Department of Education Materials****► Food for Thought: Nutrition Across the Curriculum**

This CD-ROM is designed to teach three-to-five year olds nutrition and healthy food choices. Illustrations, recipes for classroom use, and hands-on activities help children learn concepts in science, math, language, and literacy.

Grades PreK-K  
\$19.95 plus s/h and tax

**Fresh Fruit and Vegetable Photo Cards**

This is a set of 142 color photographs suitable for framing. Each fully-laminated 8" x 9" card displays a color photograph of a fruit or vegetable with its name in English and Spanish. On the reverse is a bar graph displaying an analysis of nutrients and suggested serving size.

Grades K-12  
\$50 plus tax and \$5.95 s/h; item #1650

California Department of Education  
CDE Press Sales  
1430 N Street, Suite 3207  
Sacramento, CA 95814  
Phone: (916) 445-1260  
Fax: (916) 323-0823  
E-mail: [sales@cde.ca.gov](mailto:sales@cde.ca.gov)  
Website: [www.cde.ca.gov/re/pn/rc](http://www.cde.ca.gov/re/pn/rc)

**California Fruit Raps**

After singing along with Karen Adler, students will be motivated to make healthy choices by visiting the produce section at the market. This interactive CD and song book motivates students to eat California fruits.

Grades K-5  
\$19.95

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

**Dairy Council of California Materials****► Activity and Eating: Small Steps to a Healthier You**

An eight-page self-instructional booklet will help students understand the connection between being physically active, making healthful food choices, and maintaining optimal health. Teachers receive an instruction sheet, CD-ROM PowerPoint, and student booklets in English or Spanish.

Grades 9-12  
Free; California teachers only

**BreakFAST & Jump To It!**

Test your knowledge about the importance of eating a healthy breakfast and what makes up a healthy breakfast.

Grades K-6  
Free online

**Building a Healthy Me**

Six activities introduce students to the USDA's MyPyramid food grouping system and classifying foods. The program aligns with California and national education standards. A teacher guide, step-by-step lessons, food pictures, parent booklets, and blackline masters are included. Newly aligned to several state-adopted text books. Available in English or Spanish.

Grade K  
Free; California teachers only

**Deal Me In... food and fitness**

Deal Me In... food and fitness is a self-contained program that provides fun, hands-on, engaging ways to introduce and reinforce healthy eating and physical activity in an after-school program. Materials include color workbooks for each student, complete full-color game cards, and parent booklets in English and Spanish. Updates reflect the USDA's MyPyramid and 2005 Dietary Guidelines. Available in English and Spanish.

Grades K-6  
Free; California after-school programs only

### Exercise Your Options

A nutrition and fitness program that centers around the uniqueness of teens. This eight-lesson unit offers peer teaching strategies, information, and activities on current adolescent issues including: Body Image; Bone Health; Sports Nutrition; Disordered Eating; Navigating Options, Choices and Decisions Away from Home; Realistic Portion Sizes; and Nutrition and Achievement. Included is a CD-ROM and a DVD which house eight video clips that help the student engage with the program lessons and learn through multiple learning modalities. This free program supports California and national standards for language arts, math, and science. Updated to reflect the current USDA MyPyramid and 2005 Dietary Guidelines. Newly aligned to several state-adopted text books.

Grades 6-8

Free; California teachers only

### Healthy Choices, Healthy Me!

Dairy Council's lower elementary curriculum teaches students about making healthy food and activity choices. This literature-based program engages students by providing opportunities for them to personalize health and nutrition concepts in authentic, meaningful ways. At the core of the second grade program is *The Market Mystery*, a story that captures young learners' natural curiosity about themselves and the world around them. The first grade program focuses on mastering the concept of food group categorization. This free program supports California and national standards for language arts, math, and science. Teachers receive a teacher's guide, student workbooks, *The Market Mystery*, food cards, and a poster. Updated to reflect the current USDA MyPyramid and 2005 Dietary Guidelines. Newly aligned to several state-adopted text books.

Grades 1-2

Free; California teachers only

Student workbooks available in English and Spanish

### My Very Own Pizza

Learn about the nutrition and history of one of our favorite foods. Newly updated version reflects USDA MyPyramid and 2005 Dietary Guidelines.

Grades 3-adult

Free; available online only

### Nutrition Pathfinders

The theme of this fourth and fifth grade program is a camp-like setting which engages students while presenting nutrition content and activity recommendations grounded in sound science. Teachers receive a teacher's guide, classroom set of CD-ROMs, student workbooks, and the ability to use the associated website, [np.dairycouncilofca.org](http://np.dairycouncilofca.org). This program has been updated to reflect the current USDA MyPyramid and 2005 Dietary Guidelines, supports California state content standards, and meets the CLRN review criteria. Student workbooks available in English and Spanish.

Grades 4-5

Free; California teachers only

### ► Shaping Up My Choices

This curriculum explores food and physical activity. Ten lessons engage students in making healthy choices that will lead to lifelong good health. Aligned to California and national education standards, the curriculum includes a teacher's guide, CD-ROM (including vocabulary words, color transparencies and food pictures), a poster, and student workbooks. Available in English or Spanish.

Grade 3

Free; California teachers only

Dairy Council of California  
1101 National Drive, Suite B  
Sacramento, CA 95834  
Phone: (916) 263-3560  
Fax: (916) 263-3566  
E-mail: [info@dairycouncilofca.org](mailto:info@dairycouncilofca.org)  
Website: [www.dairycouncilofca.org](http://www.dairycouncilofca.org)  
Website: [www.mealsmatter.org](http://www.mealsmatter.org)

### Dole Super Kids

Dole Food Company's 5 A Day Program is now Dole SuperKids. Created by the Dole Nutrition Institute, [DoleSuperKids.com](http://DoleSuperKids.com) provides a variety of free resources for teachers, such as lesson plans and downloadable music. Additional materials and tools can be ordered at low cost at [www.DoleDepot.com](http://www.DoleDepot.com).

Grades K-6

Free online

Dole Food Company, Inc.  
One Dole Drive  
Westlake Village, CA 91362  
E-mail: [ben.sussman@dole.com](mailto:ben.sussman@dole.com)  
Website: [www.dole.com/superkids](http://www.dole.com/superkids)  
Website: [www.dole.com/nutritioninstitute](http://www.dole.com/nutritioninstitute)  
Website: [www.dole.com/superfoods](http://www.dole.com/superfoods)

### ► A Dozen Heart-Healthy Habits for Kids

This printable poster in English and Spanish provides nutrition and health tips. Download from [www.eggnutritioncenter.org/page/nutrition-for-children](http://www.eggnutritioncenter.org/page/nutrition-for-children).

Grades 4-6

Free; available online only

Egg Nutrition Center  
1900 L Street NW, Suite 725  
Washington, DC 20036  
Phone: (202) 833-8850  
Website: [www.enc-online.org](http://www.enc-online.org)

### The Farmer Grows a Rainbow

This set of lesson activities introduces students to MyPyramid, the food guide developed by the United States Department of Agriculture (USDA). This kit educates students about making nutritious choices and the benefits of a healthy diet. The goal of “The Farmer Grows a Rainbow” is to enhance MyPyramid lessons, integrate them with traditional academic subjects, and emphasize the vital role played by the farmer in food production.

Grades PreK-5  
Free; available online  
\$100/Kit includes s/h

North Carolina Agriculture in the Classroom  
Post Office Box 27766  
Raleigh, NC 27611  
Phone: (919) 783-4319  
Fax: (919) 783-3593  
Website: [www.ncagintheclassroom.com](http://www.ncagintheclassroom.com)

### Feeding Minds, Fighting Hunger

This website has a series of lessons that educate about the food system, food security, and hunger in the world. Activities state objectives, content, and summaries. Lessons are aimed at teachers, with a special section, “Youth Window,” for young people. Also included is an active learning component on the right to food, which includes a cartoon story book for 10-16-year-olds and a teacher’s activity guide.

Grades K-12  
Free; available online only

Feeding Minds, Fighting Hunger  
2175 K Street NW, Suite 500  
Washington, DC 20437-0001  
Phone: (202) 653-2404  
Fax: (202) 653-5760  
E-mail: [fmfh@fao.org](mailto:fmfh@fao.org)  
Website: [www.feedingminds.org](http://www.feedingminds.org)

### ► Food, Culture, and Reading

This nutrition education program uses literature to teach about food, nutrition, healthy living, and different cultures. Each unit includes a family take-home sheet with nutritional information, activities, and recipes.

Grades 4-6  
\$8.13

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Fruits and Vegetables for Health

This comprehensive unit teaches students about the production, distribution, and nutritional value of California fresh produce. Geography, writing, graphing, and science activities are used to teach the importance of eating a variety of fresh fruits and vegetables. Aligned to the Content Standards for California Public Schools.

Grades 4-6  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Get in the Game for Good Health

This standards-based education program is made possible by the California Olive Industry. Includes teacher guide, color poster, and interactive worksheets that encourage students to assess their own lifestyles, learn about healthy eating habits, create innovative ways to increase activity levels, and commit to following a healthy lifestyle.

Grades 4-6  
Free; available online

California Olive Industry  
2665 North Air Fresno Drive, Suite 108  
Fresno, CA 93727  
Phone: (559) 456-9096  
E-mail: [pshea@vittleinformation.com](mailto:pshea@vittleinformation.com)  
Website: [www.calolive.org](http://www.calolive.org)

### Healthy Classroom Parties

This resource provides guidelines for creating a classroom party with foods that are lower in fat and calories. Includes menu planning and snack ideas.

Grades K-adult  
Free online information

Alhambra Unified School District Nutrition Network  
1515 Mission Road  
Alhambra, CA 91803  
Phone: (626) 308-2212  
Website: [www.alhambranetwork.org](http://www.alhambranetwork.org)

## Healthy Eating and Exercise

This software includes eight interactive games that teach children to eat more fruits and vegetables, avoid junk food, and stay physically active. Includes curriculum and downloadable activity pages.

Grades K-3  
\$19.95 plus s/h

NoteNiks  
SoundAdvice, Inc.  
Post Office Box 20992  
Oakland, CA 94620  
Phone: (510) 338-1208  
Fax: (510) 658-5735  
E-mail: [mindy@noteniks.com](mailto:mindy@noteniks.com)  
Website: [www.noteniks.com](http://www.noteniks.com)

## Illinois Agriculture in the Classroom Materials

### ► Nutrition Ag Mag

Classroom sets of 30 agriculture magazines feature four-page, colorful agricultural magazines containing information about agriculture, classroom activities, and agricultural careers. This edition teaches students to use MyPyramid and exercise to optimize their nutrition and fitness.

Grades 4-6  
\$7.50 per set

### Nutrition Lessons

Downloadable lesson plans expand students' understanding of the food guide pyramid. Students learn through physical activities and visual arts. Complements Nutrition Ag Mag.

Grades K-6  
Free online; Nutrition Ag Mags are \$7.50/set plus s/h

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Los Angeles Unified School District - Network for a Healthy California

The LAUSD Network for a Healthy California provides opportunities for students to comprehend the importance of a healthy lifestyle. Numerous resources are available to educators, including "Harvest of the Month," a guide that highlights one fruit or vegetable a month, lessons for multiple subject areas, and teacher trainings.

Grades K-12  
Free to LAUSD teachers who qualify

Network for a Healthy California LAUSD  
6651 C Balboa Boulevard  
Van Nuys, CA 91406  
Phone: (818) 609-2550  
Fax: (818) 609-2580  
Website: [www.healthylaund.net](http://www.healthylaund.net)

## MyPyramid.gov

This website describes the USDA MyPyramid food guidance system, which assists visitors in making healthy food choices and encourages them to be active every day. It includes an interactive Web game, "MyPyramid Blast Off," geared for six- to eleven-year-olds, and the MyPyramid Tracker, which allows individuals to calculate their own dietary needs.

Grades K-adult  
Free online information

USDA-MyPyramid.gov  
Website: [www.mypyramid.gov](http://www.mypyramid.gov)

## National Dairy Council Materials

### Arianna's Nutrition Expedition

Enjoy armchair travel with two heroes, Arianna Bones and Marcus Muscleman. Whether solving a mystery or traveling to Antarctica, these two adventurers put pizzazz into learning about the importance of good nutrition and physical activity.

Grade 4  
Free; also available online

### Little D's Nutrition Expedition

The program transports second grade students back to the time of medieval castles and dragons to learn the importance of nutrition and physical activity. The 10-lesson program supplements both health and language arts curricula. The program includes a teacher guide, lessons, blackline masters, mini-posters, and interactive games.

Grade 2  
Free; available online

**National Dairy Council**

Provides materials for all grade levels on nutrition and the milk industry.

Grades K-12

Free online information

National Dairy Council  
10255 West Higgins, Suite 900  
Rosemont, IL 60018  
Phone: (847) 803-2000  
Fax: (847) 803-2077  
E-mail: [nancy.sandbach@rosedmi.com](mailto:nancy.sandbach@rosedmi.com)  
Website: [www.FuelUptoPlay60.com](http://www.FuelUptoPlay60.com)  
Website: [www.NationalDairyCouncil.org](http://www.NationalDairyCouncil.org)

**NEAT Solutions Catalog**

This catalog features a large selection of high-quality nutrition education resources for children, including books, music, posters, jewelry, and stickers. Visit the website for new updates and products.

Grades K-12

Free catalog

NEAT Solutions For Healthy Children, Inc.  
6645 Alhambra Avenue  
Martinez, CA 94553  
Phone: (925) 934-4771  
Toll free: (888) 577-6328  
Fax: (925) 934-5086  
E-mail: [Brenda@neatsolutions.com](mailto:Brenda@neatsolutions.com)  
Website: [www.neatsolutions.com](http://www.neatsolutions.com)

**Network for a Healthy California Materials****Fruit/Veggie Slide Guide**

This “slide guide” answers commonly-asked questions about the nutritional value of fruits and vegetables. One side illustrates daily recommendations and the specific nutrients in a variety of fruits and vegetables.

Grades 3-12

Free

► **Network for a Healthy California—Children’s Power Play! Campaign: Community Youth Organization Idea & Resource Kit**

Designed for the after-school setting, this kit features 20 fruit, vegetable, and physical activity lessons in both English and Spanish. Students explore setting goals, spreading the word about healthy eating and physical activity, and advocating for healthy changes in their communities.

Grades K-6

Free to sites serving low-income children; also available online

**Network for a Healthy California—Children’s Power Play! Campaign: School Idea & Resource Kits**

With the Network’s Children’s Power Play! Campaign (formerly 5 a Day—Power Play! Campaign), 9- to 11-year-old children can be motivated to eat more fruits and vegetables, and be more physically active using educational games and activities. The resource kits feature 10 fruit, vegetable and physical activity lessons, and involve kids in setting goals, spreading the word about healthy eating and physical activity, and advocating for healthy changes in their environments. Includes student workbook containing handouts to supplement lesson activities.

Grades 4-5

Free to sites serving low-income children; also available online

► **Power Up For Learning: A Physical Activity Supplement to the School Idea & Resource Kit**

Reinforce the nutrition concepts from Power Play!’s School Idea & Resource Kit with six physically active games and 10 classroom energizers.

Grades 4-5

Free to sites serving low-income children; also available online

► **School Idea & Resource Kits**

Each kit includes 10 activities designed to encourage and motivate students to eat fruits and vegetables and be physically active every day. The activities link to the California Content Standards in English-language arts and mathematics.

Grades 4-5

Free; available online only

**Shake It Up! With Fruits and Veggies**

A variety of musical artists sing energizing songs about the benefits of eating fruits and vegetables. Order online at [web3.kpcorp.com/c2credit](http://web3.kpcorp.com/c2credit).

Grades PreK-3

\$2

Network for a Healthy California—Children’s Power Play! Campaign  
California Department of Public Health  
Cancer Prevention and Nutrition Section, MS 7204  
Post Office Box 997377  
Sacramento, CA 95899-7377  
Phone: (916) 449-5417  
Fax: (916) 449-5415  
E-mail: [Betty.Sun@cdph.ca.gov](mailto:Betty.Sun@cdph.ca.gov)  
Website: [www.networkforahealthycalifornia.net/powerplay](http://www.networkforahealthycalifornia.net/powerplay)  
Website: [www.cachampionsforchange.net](http://www.cachampionsforchange.net)



## ► Nutrition Resources

Nutrition resources available include fun bookmarks, full-color posters, nutrition bingo games, teacher bulletin board kits, and DVDs. Titles include “Great Plate” posters, “Fruit and Veggie Team” bingo, “Fruits Bulletin Kit,” and more. Parent newsletters are also available.

Grades PreK-adult  
Prices vary

Learning ZoneXpress  
667 East Vine Street  
Owatonna, MN 55060  
Phone: (888) 455-7003  
Fax: (507) 455-3380  
E-mail: [marybeth@learningzonexpress.com](mailto:marybeth@learningzonexpress.com)  
Website: [www.learningzonexpress.com](http://www.learningzonexpress.com)

## Nutrition-Stats.com

*Nutrition-Stats.com* hosts information about carbohydrates, fats, trans fats, sugars, proteins, and other nutritional information for several restaurants.

Grades 4-adult  
Free; available online only

Nutrition-Stats.com  
Website: [www.nutrition-stats.com](http://www.nutrition-stats.com)

## ► Pack a Powerful Punch with Protein DVD

This interactive program focuses on meat and protein and their relationship to the USDA’s MyPyramid food guidance system. Includes four short videos with video quizzes, lesson plans, and student activities.

Grades 7-10  
\$2.50

National Pork Board  
1776 NW 114th Street  
Clive, IA 50325  
Phone: (515) 223-2600  
Fax: (515) 309-6127  
E-mail: [info@pork.org](mailto:info@pork.org)  
Website: [www.otherwhitemeat.com](http://www.otherwhitemeat.com)  
Website: [www.pork.org](http://www.pork.org)  
Website: [www.porkstore.pork.org](http://www.porkstore.pork.org)

## PCI Photo Bingo

Fresh produce and prepared foods bingo games include 20 full-color bingo cards, calling cards, a matching mat, bingo chips, and instructions. Perfect for special education classes, including second language learning classes. Other games available.

Grades K-adult  
Prices vary

PCI Educational Publishing  
Post Office Box 34270  
San Antonio, TX 78265-4270  
Toll free: (800) 594-4263  
Fax: (888) 259-8284  
Website: [www.specialed.net](http://www.specialed.net)

## Produce for Better Health Foundation

The Fruits & Veggies—More Matters™ health initiative suggests simple ways to add more fruits and vegetables to every eating occasion. Many resources, recipes, and links for educators and students are available on the website.

Grades K-adult  
Free catalog

Produce for Better Health Foundation  
7465 Lancaster Pike, Suite J, 2nd Floor  
Hockessin, DE 19707  
Toll free: (888) 391-2100  
Fax: (302) 235-5555  
Website: [www.fruitsandveggiesmorematters.org](http://www.fruitsandveggiesmorematters.org)

## Simply in Season

Both of these adult and children’s cookbooks provide recipes and reasons to eat seasonal food. Through stories and simple whole foods recipes, “Simply in Season,” a new World Community Cookbook, explores how the food we put on our tables impacts our local and global neighbors. It shows the importance of eating local, seasonal food, and invites readers to make choices that offer security and health for our communities, for the land, and for body and spirit.

Grades K-adult  
Paperback, \$19.99; Children’s cookbook, \$24.99

Herald Press  
616 Walnut Avenue  
Scottdale, PA 15683  
Phone: (800) 245-7894 x 278  
E-mail: [hp@mpn.net](mailto:hp@mpn.net)  
Website: [www.worldcommunitycookbook.org](http://www.worldcommunitycookbook.org)

## Smart Picks, Inc. Materials

### Food Pyramid Bingo

Food Pyramid Bingo teaches basic nutrition and includes 95 different foods (milk and meat alternatives included). Can be used as a learning tool for anyone on a vegetarian, vegan, gluten-free, heart healthy, or weight loss diet. For 2-30 players.

Grades 2-adult  
\$29.95 plus shipping

### ► Fruit & Veggie Color Bingo

Designed to fuel kids' passion for produce. Students will learn to group 95 fruits and veggies by color and understand how they keep bodies growing strong and healthy. Includes user-friendly charts and resources, a coloring activity, a recipe for green smoothies, and more.

Grades 2-adult  
\$29.95

### 2005 Dietary Guidelines Poster and Packet

Designed to build healthy eating habits in children ages two and up, the Dietary Guidelines poster (26" x 34") can be used in classrooms, lunchrooms, meeting rooms, and hospitals. The guidelines emphasize making wise food choices, eating fewer calories, and increasing physical activity.

Grades PreK-adult  
\$13.95 plus shipping

Smart Picks, Inc.  
Post Office Box 771440  
Lakewood, OH 44107  
Phone: (216) 226-6173  
E-mail: [smartpicks@gmail.com](mailto:smartpicks@gmail.com)  
Website: [www.smartpicks.com](http://www.smartpicks.com)

### Treasure Hunt with the Munch Crunch Bunch

A story/activity book that contains educational activities for the classroom in addition to sending kids on a healthy foods treasure hunt through the produce section at their local food store or farmers market. Available in English and Spanish.

Grades K-3  
\$9.95

Kid Well Enterprise  
Post Office Box 33  
Ross, OH 45061-0033  
E-mail: [JanWolterman@gmail.com](mailto:JanWolterman@gmail.com)  
Website: [www.MunchCrunchBunch.com](http://www.MunchCrunchBunch.com)

## 24 Carrot Press Materials

### How to Teach Nutrition to Kids

This resource promotes positive attitudes about food, fitness and body image. The book features the MyPyramid Food Guide and more than 200 hands-on nutrition education activities.

Grades 1-6  
\$19.95 plus s/h

### Nutrition Fun with Brocc & Roll

Nutrition Fun with Brocc & Roll is a hands-on activity guide that combines a discovery approach to learning with a healthy dose of humor. Important life skills are gained when kids learn to assess food and activity habits, set goals, make choices, understand advertising and label reading, and develop basic cooking skills. A chapter on "Growing Fun" helps children to more fully understand the "roots" of the food they eat each day. 64 pages with 42 copy-ready nutrition activities.

Grades K-6  
\$14.95

24 Carrot Press  
Post Office Box 23546  
Portland, OR 97281-3546  
Phone: (503) 524-9318  
Fax: (503) 524-8318  
E-mail: [orders@nutritionforkids.com](mailto:orders@nutritionforkids.com)  
Website: [www.nutritionforkids.com](http://www.nutritionforkids.com)

## Olives

### California Olive Industry

Information on olives, including cultivating and harvesting. Nutritional information, lesson plans, and fun facts are available on the website.

Grades K-12  
Free: available online only

California Olive Industry  
2665 North Air Fresno Drive, Suite 108  
Fresno, CA 93727  
Phone: (559) 456-9096  
E-mail: [pshea@vittleinformation.com](mailto:pshea@vittleinformation.com)  
Website: [www.calolive.org](http://www.calolive.org)

## Onions

Also see **Vegetables** listings

### Potandon Produce

Potandon is a well-known provider of fresh produce. This company's website has information on the history of onions, onion anatomy, and other information about this plant that is used for seasoning.

Grades 6-adult  
Online information only

Potandon Produce  
Website: [www.potandon.com](http://www.potandon.com)

## Organic Foods

Also see **Agriculture-General, Gardening, and Sustainable Agriculture** listings

### The Center for Agroecology and Sustainable Food Systems

This organization has online course descriptions and numerous resources on sustainable agriculture topics.

Grades 9-adult  
Free online information

CASFS - UC Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-3240  
Fax: (831) 459-2799  
E-mail: [mtbrown@ucsc.edu](mailto:mtbrown@ucsc.edu)  
Website: [casfs.ucsc.edu](http://casfs.ucsc.edu)

## Peaches

Also see **Fruit** listings

### Cling Peaches Fact and Activity Sheet

This California-specific fact sheet includes information on cling peach production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on cling peaches.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Peach Power

Bookmarks, table tents, and posters, available for first through eighth grade students, demonstrate various ways cling peaches can help students meet their daily nutritional requirements. "Peach Power," a school foodservice kit, is available to foodservice professionals.

Grades 1-8  
Free

Echo Communications, LLC  
1195 Park Avenue, Suite 212  
Emeryville, CA 94608  
Phone: (510) 654-5400  
Fax: (510) 654-5402  
E-mail: [calclingpeach@echopr.com](mailto:calclingpeach@echopr.com)  
Website: [www.calclingpeach.com](http://www.calclingpeach.com)

## Peanuts

### The Adventures of Buddy McNutty

This educational comic book contains interesting information and facts about peanuts. Includes recipes, facts, and a peanut quiz.

Grades 4-6  
Free

National Peanut Board  
900 Circle 75 Parkway, Suite 1220  
Atlanta, GA 30309  
Phone: (678) 424-5750  
Fax: (678) 424-5751  
E-mail: [peanuts@nationalpeanutboard.org](mailto:peanuts@nationalpeanutboard.org)  
Website: [www.nationalpeanutboard.org](http://www.nationalpeanutboard.org)

### Virginia-Carolina Peanut Promotions Materials

#### All About Peanuts and Peanut Butter

Lesson plans and activity sheets cover history, nutrition, science, and geography of peanuts.

Grades K-2  
Free; also available online

#### The Gold Peanut

This educational comic book, with an adventure-packed storyline, contains facts about peanuts, peanut plant anatomy, and peanut growing regions.

Grades 6-8  
Free

Virginia-Carolina Peanut Promotions  
Post Office Box 8  
Nashville, NC 27856-0008  
Phone: (252) 459-9977  
Fax: (252) 459-7396  
E-mail: [info@aboutpeanuts.com](mailto:info@aboutpeanuts.com)  
Website: [www.aboutpeanuts.com](http://www.aboutpeanuts.com)

## Pears

Also see **Fruit** listings

### Pear Bureau Northwest

This website has a variety of activities for students and teachers that relate to pears. Free lesson plans available.

Grades K-5

Free

Pear Bureau Northwest  
4382 SE International Way  
Milwaukie, OR 97222-4635  
Phone: (503) 652-9720  
Fax: (503) 652-9721  
Website: [www.usapears.org](http://www.usapears.org)

### Pears Fact and Activity Sheet

This California-specific fact sheet includes information on pear production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on pears.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Pest Management

Also see **Agriculture-General**, **Gardening**, **Sustainable Agriculture**, and individual pest listings

### California Department of Pesticide Regulation Materials

#### Ant Bait and Wait Poster

This poster emphasizes the importance of using baits instead of insecticidal sprays for effective, long-term ant management in classrooms.

Grades 5-12

Free

### California Department of Pesticide Regulation

This governmental agency has a variety of handouts and outreach materials about pests, pesticides, and how to prevent and manage pests in schools. Examples of publications include “What is a Pesticide?,” “Pest Management Quick Tips for Schools,” and a pest prevention awareness poster with tips on how to prevent pest invasions. The Department’s School Integrated Pest Management (IPM) website contains a comprehensive directory of resources describing and promoting least hazardous pest management practices at schools and ways to reduce the use of pesticides at school facilities.

Grades 7-adult

Limited quantities free; also available online

California Department of Pesticide Regulation  
Post Office Box 4015  
Sacramento, CA 95812-4015  
Phone: (916) 445-4300  
Fax: (916) 324-1452  
E-mail: [school-ipm@cdpr.ca.gov](mailto:school-ipm@cdpr.ca.gov)  
Website: [apps.cdpr.ca.gov/schoolipm](http://apps.cdpr.ca.gov/schoolipm)  
Website: [www.cdpr.ca.gov](http://www.cdpr.ca.gov)

### UC IPM Online

Solve your pest management problems with UC’s best information. Personalize it with interactive tools or find out about pest management research and extension projects.

Grades 7-adult

Free online information

University of California - Statewide Integrated Pest Management Program  
Website: [www.ipm.ucdavis.edu](http://www.ipm.ucdavis.edu)

### What’s Bugging You?

In this comprehensive unit, students create a useful definition for the word “pest,” perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest which lives in an imaginary habitat. Aligned to the Content Standards for California Public Schools.

Grades 4-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Pistachios

### Pistachios Fact and Activity Sheet

This California-specific fact sheet includes information on pistachio production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about pistachios.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Pizza

### Pizza Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores all of the ingredients needed to make a pizza.

Grades 4-6  
\$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Pork

Also see Livestock listing

### ► Indicates new for 2011-2012

### American Farm Bureau Foundation for Agriculture Materials

#### ► Pigs and Pork in the Story of Agriculture: Educator's Guide

This guide accompanies the book "Pigs and Pork in the Story of Agriculture." Activities help students identify the five sub-concepts of pigs and pork in agriculture: production, processing, distribution, marketing, and consumerism. After using this resource students should be able to read for understanding, inquire into the science and technology surrounding the pork industry, understand places and regions in the U.S., and interpret social and mathematical problems.

Grades 3-6  
\$3.50 plus s/h

#### ► Pigs: an A to Z Book—Educator's Guide

This educator guide introduces young readers to animal care and provides basic information on pigs. Includes activities focused on the alphabet, letter and word recognition, and counting. Young readers will learn about where pork comes from, how pigs are cared for by farmers, and how agriculture is part of our lives every day.

Grades PreK-K  
\$3.50 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

#### ► A Hog Ate My Homework: Activity Book

Designed to complement the book "A Hog Ate My Homework," by Gary Metivier, this resource includes lesson plans and activities intended to be used in the classroom as supplemental learning material. Activities reinforce science, health and nutrition, reading, math, social studies, and writing skills. An answer sheet for each activity is also included.

Grades 3-6  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## National Pork Board Materials

### ► The Amazing Pig

This DVD takes viewers on a journey to a modern hog farm. Introducing students to pork production helps them understand how pigs are fed and cared for and the contributions pork products make in our society.

Grades 4-12  
Free; also available online

### Food Fun for Kids

Colorful neon bookmarks have a pork nutrition puzzle on one side and an easy pork recipe for kids on the other side.

Grades 3-8  
Free; ships in bundles of 100

### National Pork Board Youth Order Form

Posters, activity books, videos, and booklets on the pork industry. Includes nutrition and production information.

Grades K-12  
Free online catalog

### ► Producers, Pigs & Pork Teacher's Resource Guide

A set of five lessons that address our food supply system, with a focus on pork production. This guide includes a variety of lessons and activities which enhance standards and skills.

Grades 3-6  
\$12 plus shipping

### ► Producers, Pigs, and Pork Storybook

This storybook is an illustrated adventure about a boy's visit to a modern swine production facility. Contains facts and color photos. A teacher's resource guide is also available.

Grades 3-6  
\$2.00 plus shipping

National Pork Board  
1776 NW 114th Street  
Clive, IA 50325  
Phone: (515) 223-2600  
Fax: (515) 309-6127  
E-mail: [info@pork.org](mailto:info@pork.org)  
Website: [www.otherwhitemeat.com](http://www.otherwhitemeat.com)  
Website: [www.pork.org](http://www.pork.org)  
Website: [www.porkstore.pork.org](http://www.porkstore.pork.org)

### ► A Peek at Pork

This packet contains "The Amazing Pig" DVD and teacher's guide with lessons about mapping, the food chain, pork products, food processing, and nutrition.

Grades 3-4  
\$3 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

### ► Swine Youth Activity Guide Set

This set includes three swine activity guides and a helper's guide. Each guide introduces students to age-appropriate content, including activities related to breeds, health, nutrition, production, management, and beyond the show ring.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Potatoes

Also see Vegetables listings

### ► Indicates new for 2011-2012

#### "Dig This" Scholastic Poster

This poster has four reproducible lesson plans on the back. Provide mailing address and quantity via e-mail.

Grades 2-8  
Free, order online

United States Potato Board  
7555 East Hampden Avenue, #412  
Denver, CO 80231  
Phone: (303) 369-7783  
Fax: (303) 369-7718  
E-mail: [meredithm@uspotatoes.com](mailto:meredithm@uspotatoes.com)  
Website: [www.potatogoodness.com](http://www.potatogoodness.com)

## North Carolina Sweet Potato Commission, Inc. Materials

### ► Carolina Sweet Potato Investigation (CSPI)

Presented in the form of a lab journal with guiding questions for each month of the school year, this lesson set contains links to virtual field trips and interviews. Students can view a greenhouse and packing house where sweet potatoes are graded and shipped to retailers. They can visit a research facility where the all-important task of micro-propagation is fine-tuned in order to produce a delicious, nutritious, and economical product.

Grades 3-6

Free; also available online

### Sweet Potato Activity and Lesson Plans

These lessons, geared for upper elementary classrooms, teach about North Carolina sweet potatoes while students perform science, technology, math, and language arts activities.

Grades 3-5

Free; available online only

North Carolina Sweet Potato Commission, Inc.  
Post Office Box 609  
Benson, NC 27504  
E-mail: [ncsweetsue@aol.com](mailto:ncsweetsue@aol.com)  
Website: [www.ncsweetpotatoes.com](http://www.ncsweetpotatoes.com)

### Popular Potatoes

These ready-to-use lesson plans and teacher guide incorporate science, social studies, and math to teach about a popular plant, the potato.

Grades 3-5

\$2 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

### Potandon Produce

Potandon is a well-known provider of fresh produce. This company's website has information on the history of potatoes, potato anatomy, and other information about this plant.

Grades 6-adult

Free online information

Potandon Produce  
Website: [www.potandon.com](http://www.potandon.com)

## Raisins

Also see [Fruit](#) listings

### ► Indicates new for 2011-2012

## California Raisin Marketing Board Materials

### California Raisin Marketing Board

This website provides an interactive nutrition education curriculum for youth. From word puzzles to experiments, there is something for everyone. Information on how to dry your own raisins is included.

Grades 3-6

Free; available online only

### ► California Raisins

This resource introduces students and teachers to the history of California raisins and contains a wealth of information about how raisins are grown, harvested, and processed. Includes recipe suggestions and varietal and nutritional information.

Grades 6-adult

Free

California Raisin Marketing Board  
2445 Capitol Street, Suite 200  
Fresno, CA 93721  
Phone: (559) 248-0287  
Fax: (559) 224-7016  
E-mail: [info@raisins.org](mailto:info@raisins.org)  
Website: [www.calraisins.org](http://www.calraisins.org)

### A Story About Raisins

A Story About Raisins is a nonfiction tale about how raisins were discovered and how they are grown. This hardcover book includes a CD that has a raisin rap song along with a narration of the story. Also included in the book are fun recipes for children to try. Illustrated by Tawn R. Morrison.

Grades K-4

\$15.95 plus s/h, quantity discounts available

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

## Rice

Also see **Crops** listing

### Rice and the Water Connection

This educational unit explores the life and history of rice production in California with special emphasis on water use and the industry's environmental stewardship. Lesson topics include the growing process, the economy, rice and wildlife habitat, and a comparison between use of water on the farm and in the home. Unit is aligned to the Content Standards for California Public Schools and contains posters, rice seed for classroom growing activity, blackline masters, and more.

Grades 4-6  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

### Rice Fact and Activity Sheet

This California-specific fact sheet includes information on rice production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on rice.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Rice Information

Learn more about the California rice industry by viewing the California Rice Commission website. Information is available on rice and the environment, how to grow rice, rice facts, rice trivia, rice-growing regions, and recipes.

Grades K-12  
Free

California Rice Commission  
701 University Avenue, Suite 205  
Sacramento, CA 95825  
Phone: (916) 387-2264  
E-mail: [jmorris@calrice.org](mailto:jmorris@calrice.org)  
Website: [www.calrice.org](http://www.calrice.org)

## Science

Also see **Botany**, **Nutrition**, and other specific science listings

### ► Indicates new for 2011-2012

### Agricultural Research Service, USDA Materials

#### Science in Your Shopping Cart

Who finally broke the great San Francisco bread mystery? Who helped make frozen orange juice concentrate tasty? This illustrated booklet tells the ongoing story of how scientists contribute to what's in our shopping cart.

Grades 4-adult  
Free; also available online

#### ► Whiz Kid Activities

These activity sheets introduce students to agricultural research topics. The quizzes and activities can be used for student clubs or other programs. Includes a Webquest that challenges students to investigate current trends in agricultural research.  
[www.ars.usda.gov/is/kids/teachers/WhizKid.Act.htm](http://www.ars.usda.gov/is/kids/teachers/WhizKid.Act.htm)

Grades 3-8  
Free; available online only

Agricultural Research Service, USDA  
5601 Sunnyside Avenue, 1-2232B  
Beltsville, MD 20705-5130  
Phone: (301) 504-1633  
Fax: (301) 504-1641  
E-mail: [dianne.odland@ars.usda.gov](mailto:dianne.odland@ars.usda.gov)  
Website: [www.ars.usda.gov](http://www.ars.usda.gov)

### AgroWorld Newsletter

This bimonthly e-zine has been developed for secondary educators. Each issue features current events, classroom resources, activities, and grant opportunities that enhance standards-based learning.

Grades 8-adult  
Free online subscription

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)



## California Science Teachers Association

This association provides newsletters, journals, and conferences for California educators about ideas, issues, and trends in science education.

Grades K-12  
\$39 annual membership

California Science Teachers Association  
3800 Watt Avenue, #175  
Sacramento, CA 95821  
Phone: (916) 979-7004  
Fax: (916) 979-7023  
E-mail: [csta@cascience.org](mailto:csta@cascience.org)  
Website: [www.cascience.org](http://www.cascience.org)

## The Growing Classroom: Garden-Based Science Activity Guide

The Growing Classroom is an award-winning resource book containing loads of hands-on, garden-based science and nutrition activities. The book also includes step-by-step instructions for creating and maintaining a garden-based learning program. Topics include teamwork in the garden, environmental awareness, soil, plants, ecology, cycles, weather, nutrition, and food choices. The appendix includes gardening how-to's for adults.

Grades K-12  
\$39.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## National Gardening Association Materials

### ► Linking Food and the Environment (LiFE): Farm to Table & Beyond

This 430-page module covers our global food system and how the parts of this complex system interact with and influence each other. Includes teacher lesson plans, background information, teaching tips, tools for assessment, student activity sheets and readings, and a matrix mapping the book to National Science Education Standards and Benchmarks for Science Literacy.

Grades 5-6  
\$34.95 plus s/h

### Linking Food and the Environment (LiFE): Growing Food

This inquiry-based curriculum takes students on an exciting adventure—learning science through the study of our food production system. Students learn about the cycling of matter in nature, flow of energy, and food systems while engaging in hands-on investigations of photosynthesis, food webs, agriculture, and more. The manual includes teacher lesson plans, background information, teaching tips, and tools for assessment; student activity sheets and readings; and a matrix mapping the book to National Science Education Standards and Benchmarks for Science Literacy. It was developed by educators at Teachers College, Columbia University. Growing Food is one of the science modules in the Linking Food and the Environment (LiFE) Curriculum Series.

Grades 4-6  
\$34.95

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

### ► Outdoor Science: A Practical Guide

This 140-page guide provides practical suggestions for creating, maintaining, and using outdoor classrooms for both elementary and middle school students. Simple and inexpensive lessons satisfy national standards in the areas of life science, Earth science, and environmental science.

Grades K-8  
\$24.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

## Population Education Resources

Downloadable activities and instructional materials, listed by grade level and subject matter, help investigate food systems and food supply.

Grades K-12  
Free online

Population Education  
2120 L Street NW, Suite 500  
Washington, DC 20037  
Toll free: (800) POP-1956  
E-mail: [PopEd@populationconnection.org](mailto:PopEd@populationconnection.org)  
Website: [www.PopulationEducation.org](http://www.PopulationEducation.org)  
Website: [www.Worldof7Billion.org](http://www.Worldof7Billion.org)

## Scenes of Science

This DVD contains 23 brief videos on a wide range of recent scientific discoveries at the Agricultural Research Service. Topics include foods and health, crops and environment, farm animals, new products, and insects.

Grades 6-12  
Free

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [nali@nifa.usda.gov](mailto:nali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

## Science Fair and Lesson Ideas

This resource is divided into three sections. The first provides stimulating questions that teachers can use when teaching a specific scientific topic. The second provides science fair ideas, in the form of questions, that relate to agriculture. The third lists websites that educators and students may find useful when preparing a science lesson or a science fair project.

Grades 3-12  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## ► Veterinary Science Youth Activity Guide Set

This series will lead youth through an exploration of the exciting world of veterinary science. Students will practice science skills and discover vet science-related careers. Includes three vet science activity guides and a helper's guide.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Seeds

Also see **Almonds, Beans, Botany, Peanuts, Pistachios, Sunflowers, and Walnuts** listings

## Acres of Adventures Activity Guides

Cultivating excitement for science and agriculture in after-school programs, this resource was developed in partnership with CFAITC and other state AITC programs. Book 1: All About Agriculture, Fast Food Agriculture, Mystery Agriculture, and Plant Detectives. Book 2: Agriculture Gone Wild, Farm Physics, Frontier Living, and Insect Invasion.

Grades 3-5  
\$7.50 each plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Primarily Plants

Students explore plant growth, seeds and spores, plant needs, and plant parts. They dissect seeds and create plastic bag gardens. Includes 29 activities on 196 pages, and a CD with printable student pages.

Grades K-3  
\$24.95 plus s/h, tax; request item #1105

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

## Free Seeds for School Gardens

America the Beautiful Fund collects surplus vegetable, flower, and herb seed packets and distributes them to community planting projects across the country. Schools, community gardens, religious organizations, and civic volunteer groups of all kinds can receive seeds to fight hunger and malnutrition, boost civic pride, and promote environmental stewardship. Schools and educational programs can receive 100-6,000 seed packets.

Grades K-12  
Free plus s/h (\$14.95 for first 100, \$5 for each additional 100)

America the Beautiful Fund  
725 15th Street NW, Suite 605  
Washington, DC 20005-2109  
Phone: (202) 638-1649  
Fax: (202) 638-2175  
E-mail: [katie@america-the-beautiful.org](mailto:katie@america-the-beautiful.org)  
Website: [www.freeseeds.us](http://www.freeseeds.us)

## Sheep

Also see **Livestock** and **Wool** listings

### ► Indicates new for 2011-2012

#### **American Sheep Industry Association Materials**

##### **American Sheep Industry Association**

Educational materials concerning the sheep, lamb, and wool industry.

Grades K-adult

Prices vary

### ► **Sheep and the Environment Series**

In this brochure series, students learn that sheep are a natural, low-cost means of managing our environment. Twelve topical brochures identify ways in which sheep protect and enhance our natural resources. Titles include “Sheep and Waste Management,” “Sheep and Brush Control,” and “Sheep and Wildlife.”

Grades 9-adult

Free; available online only

American Sheep Industry Association  
9785 Maroon Circle, Suite 360  
Englewood, CO 80112  
Phone: (303) 771-3500  
Fax: (303) 771-8200  
E-mail: [info@sheepusa.org](mailto:info@sheepusa.org)  
Website: [www.sheepusa.org](http://www.sheepusa.org)

### ► **Sheep Youth Activity Guide Set**

This set includes three sheep activity guides and a helper’s guide. Youth and volunteers will enjoy these experimentally-based project materials as they explore age-appropriate content, including activities related to breeds, health, nutrition, production, management, and beyond the show ring.

Grades 3-5, 6-8, 9-12

\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Soil

Also see **Environment**, **Gardening**, and **Water** listings

#### **Careers in Agronomy: Growing Your Future**

Agronomy is the study of soil and plant science from soil management to crop production; it incorporates the wise use of natural resources and conservation practices. This brochure defines what an agronomist is, how to become one, and provides information on other related career opportunities.

Grades 7-12

Free; also available online

American Society of Agronomy  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.agronomy.org](http://www.agronomy.org)

#### **Soil and Water Conservation Society Materials**

##### **Cartoon Booklets**

Learn about water resources, ecosystem management, land use, plants, grazing lands, wetlands, and wildlife through various cartoon booklets. Teacher’s guides and a Spanish version of the water cartoon booklet are available.

Grades 3-8

\$12/set; free online catalog

##### **Soil Biology Primer**

The Soil Biology Primer introduces the living component of soil and how it contributes to agricultural productivity and to air and water quality. The primer includes information on the soil food web and how the web relates to soil health. Chapter topics include bacteria, fungi, protozoa, nematodes, arthropods, and earthworms.

Grades 8-adult

\$18 plus s/h

Soil and Water Conservation Society  
945 SW Ankeny Road  
Ankeny, IA 50023  
Phone: (515) 289-2331 ext. 126  
Toll free: (800) THE-SOIL  
Fax: (515) 289-1227  
E-mail: [pubs@swcs.org](mailto:pubs@swcs.org)  
Website: [www.swcs.org](http://www.swcs.org)

## Soil Stories—Second Grade Science Exploration

This grouping of six lesson plans, taken from the Life Lab Science Curriculum, focuses on soil studies and meets the second grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 2

Free; available online

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## Soybeans

Also see Beans listings

### ► Indicates new for 2011-2012

### American Farm Bureau Foundation for Agriculture Materials

#### ► Soybean Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores soybeans. Topics include nutrition, economics, geography, math, and science.

Grades 4-6

\$5.00 plus s/h

#### ► Soybeans in the Story of Agriculture: Educator's Guide

This educator's guide of lessons and activities is designed to use with the book, "Soybeans in the Story of Agriculture" to teach reading, science, and social science. The book and activities show the process of growing soybeans to the making of products.

Grades 3-6

\$3.50 plus s/h

#### ► Soybeans: an A to Z Book—Educator's Guide

This guide is used to accompany the book "Soybeans: an A to Z Book." Activities are designed to teach students about soybean plant parts, germination, and what plants need to grow.

Grades PreK-K

\$3.50 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [curtism@fb.org](mailto:curtism@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

#### ► Bean Team Soy Educational DVD Series

This series of DVDs and lesson plans are designed to educate students about soybeans using cross-curricular topics such as civics, English, health, math, and science. Each kit includes a DVD containing five episodes of the "Bean Team" and a CD of all educational worksheets.

Grades 2-4

Free

United Soybean Board  
16640 Chesterfield Grove Road, Suite 130  
Chesterfield, MO 63005  
E-mail: [info@unitedsoybeanboard.org](mailto:info@unitedsoybeanboard.org)  
Website: [www.unitedsoybean.org](http://www.unitedsoybean.org)

#### ► Just the Beginning: The life of a young sprout

"Glycine Max," the soybean sprout, guides students through history, fun facts, and activities in this 12-page booklet.

Grades 4-6

Free plus s/h

Maryland Soybean Board  
Attn: Bud Loscomb  
Post Office Box 2649  
Easton, MD 21601  
Phone: (410) 829-0436  
Fax: (410) 822-8731  
E-mail: [info@stewardwriting.com](mailto:info@stewardwriting.com)  
Website: [www.mdsoy.org](http://www.mdsoy.org)

### Soybean Crayons

Made from soybean oil, these crayons are smooth and work well for color-blending projects. Can be used as part of an agricultural by-product activity. The Prang website describes the history and characteristics of these crayons.

Grades K-12  
Prices vary

Sales Department  
Dixon Ticonderoga Company  
195 International Parkway  
Heathrow, FL 32746  
Toll free: (800) 824-9430  
Fax: (800) 232-9396  
Website: [www.prang.com](http://www.prang.com)

### Soybean Science Kit

This kit introduces youth to science in an applied, enjoyable way, highlighting the principles of biology and renewable resources. It demonstrates the concept that agriculture is the business of generating raw materials for consumption, using soybeans as an example. Soybean oils and polymers will be the focus. This complete kit includes a complete curriculum guide, teacher training video, interactive CD-ROM, and supplies needed for a class of 30 students.

Grades 4-9  
\$415 includes s/h

Pick 'N Pack  
153 West 500 North  
Sharpsville, IN 46068-9013  
Phone: (765) 963-5979  
Fax: (765) 963-5977  
E-mail: [info@soybeansciencekit.com](mailto:info@soybeansciencekit.com)  
Website: [www.soybeansciencekit.com](http://www.soybeansciencekit.com)

### Super Soybeans Lesson Booklet

The soybean has many important roles in our lives, from the food we eat to the products we use to clean. This lesson booklet explores the many uses of soybeans and can be used to teach skills in science, social studies, and math. Lessons complement the book, "The Super Soybean," by Raymond Bial.

Grades 4-6  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ifpb.org](mailto:aitc@ifpb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Teach Me About Soybeans

This resource packet contains a literature book, "Why the Brown Bean Was Blue," teacher's guide, reproducible student activities, and soybean seeds.

Grades K-4  
\$8 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

### Statistics

Also see **Agriculture-General, Economics, and Mathematics** listings

#### California Agriculture

A highlights brochure includes California agriculture statistics, including information on acreage, ranking of counties by agriculture value, and ranking of commodities.

Grades 4-12  
Free; also available online

California Department of Food and Agriculture  
Communication Office - External Affairs  
1220 N Street, Room 427  
Sacramento, CA 95814  
Phone: (916) 654-0462  
Fax: (916) 657-4240  
E-mail: [cdfapublicaffairs@cdfa.ca.gov](mailto:cdfapublicaffairs@cdfa.ca.gov)  
Website: [www.cdfa.ca.gov](http://www.cdfa.ca.gov)

#### Farmland Information Center

This website—a partnership between the USDA Natural Resources Conservation Service and American Farmland Trust—is a clearinghouse for information about farmland protection and stewardship. Discover a variety of statistics on the nation's farmlands.

Grades 7-adult  
Free; available online only

Farmland Information Center  
Website: [www.farmlandinfo.org](http://www.farmlandinfo.org)

## NASS Education and Outreach

Census of Agriculture lesson plans help increase student awareness of statistics and agriculture. Developed by USDA's National Agricultural Statistics Service and the National FFA Organization, this series of K-12 online learning tools and outreach kits are available to increase statistical literacy through the exploration and use of data from the Census of Agriculture. [www.nass.usda.gov/Education\\_and\\_Outreach](http://www.nass.usda.gov/Education_and_Outreach)

Grades K-12  
Free; also available online

USDA National Agricultural Statistics Service  
1400 Independence Avenue SW, Room 5030  
Washington, DC 20250  
Toll free: (800) 727-9540  
Fax: (202) 690-2090  
E-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

## That Was Then, This Is Now

Students learn about food prices and how they have changed over time by performing mathematical computations, analyzing data charts, and comparing and contrasting statistical information.

Grades 3-6  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Strawberries

Also see **Fruit** listings

### Strawberries Fact and Activity Sheet

This California-specific fact sheet includes information on strawberry production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on strawberries.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Sugar

### Sugar, Nutrition and Physical Activity Materials

Publications available on the role of sugar in a healthful diet and lifestyle.

Grades K-12  
Nominal fee  
Order form online

The Sugar Association, Inc.  
1300 L Street NW, Suite 1001  
Washington, DC 20005  
Phone: (202) 785-1122 ext.180  
Fax: (202) 785-5019  
Website: [www.sugar.org](http://www.sugar.org)

## Sunflowers

### Jack Sprout, Inc. Materials

#### Germination Lesson

Includes 20 "Lid Poppin' Planting Kits" with soil, 300 organic sunflower seeds, growth chart, map, and instructions. Includes the Meet Jack Sprout story and theme song on CD, plus the book "The Life and Adventures of Jack Sprout, Volume I."

Grades 1-3  
\$75, includes shipping

#### The Life and Adventures of Jack Sprout

This book introduces Jack Sprout, the new farmer for Beaver Creek Meadow. Jack Sprout learns about his environment from his friends and neighbors as he collects the materials he needs to build his new farm. Educator materials also available online.

Grades 1-4  
\$9.95

Jack Sprout, Inc.  
Post Office Box 2103  
Kamuela, HI 96743  
Phone: (808) 286-6600  
E-mail: [jack@jacksprout.com](mailto:jack@jacksprout.com)  
Website: [www.jacksprout.com](http://www.jacksprout.com)

## The Story of the Sunflower

This eight-page activity booklet contains planting, growing, and nutritional information about sunflowers.

Grades K-4

Free download

Limited printed quantities available

National Sunflower Association  
2401 46th Avenue SE, Suite 206  
Mandan, ND 58554  
Phone: (701) 328-5100  
Fax: (701) 663-8652  
E-mail: [info@sunflowernsa.com](mailto:info@sunflowernsa.com)  
Website: [www.sunflowernsa.com](http://www.sunflowernsa.com)

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## Sustainable Agriculture

Also see [Agriculture-General](#), [Gardening](#), and [Organic Foods](#) listings

### ► Indicates new for 2011-2012

#### Alternative Farming Systems Information Center

This portion of the National Agricultural Library provides resources and references pertaining to sustainable agriculture and alternative farming practices.

Grades 7-adult

Free online information

Alternative Farming Systems Information Center - National Agriculture Library  
Agricultural Research Service - USDA  
10301 Baltimore Avenue, Room #132  
Beltsville, MD 20705  
Phone: (301) 504-6559  
Fax: (301) 504-6927  
Website: [www.nal.usda.gov/afsic](http://www.nal.usda.gov/afsic)

### ► In the Garden with Dr. Carver

This picture book, written by Susan Grigsby and illustrated by Nicole Tadge, is about Sally, a young girl living in rural Alabama in the early 1900s, a time when people were struggling to grow food in soil that had been depleted by years of cotton production. One day, Dr. George Washington Carver shows up to help the grown-ups with their farms and the children with their school garden.

Grades 2-4

\$16.99

Albert Whitman & Company  
250 South Northwest Highway, Suite 320  
Park Ridge, IL 60068  
Toll free: (800) 255-7675  
Fax: (847) 232-2800  
E-mail: [mail@awhitmanco.com](mailto:mail@awhitmanco.com)  
Website: [www.albertwhitman.com](http://www.albertwhitman.com)

## Community Alliance with Family Farmers

This member-activist organization fosters family agriculture that cares for the land and sustains local economies and justice.

Grades 4-adult

Free online information

Community Alliance with Family Farmers  
Post Office Box 363  
Davis, CA 95617  
Phone: (530) 756-8518  
Fax: (530) 756-7857  
Website: [www.caff.org](http://www.caff.org)

## The Cultivar

Newsletter developed by the University of California, Santa Cruz, Center for Agroecology and Sustainable Food Systems provides information on current sustainable agricultural topics. It includes articles ranging from organic gardening to food systems analysis.

Grades 9-adult

Free; also available online

CASFS - UC Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-3240  
Fax: (831) 459-2799  
E-mail: [mtbrown@ucsc.edu](mailto:mtbrown@ucsc.edu)  
Website: [casfs.ucsc.edu](http://casfs.ucsc.edu)

## Farm to School Website

Educators can use this website to learn how schools are connecting with local farms and providing fresh, local produce at the school site. A variety of related resources and links are also available.

Grades K-12

Free; available online only

Farm to School  
Website: [www.farmtoschool.org](http://www.farmtoschool.org)

## Food Routes

On the Food Route website, students can find farms that provide locally-grown food to consumers. Buying local can help reduce transportation costs and emissions, and help sustain the local small farmer.

Grades 9-adult

Free; available online only

Food Routes  
Website: [www.foodroutes.org](http://www.foodroutes.org)

### Healthy Foods from Healthy Soils

Healthy Foods from Healthy Soils invites you and your students to discover where your food comes from, how our bodies use food, and what happens to food waste. You'll participate in the ecological cycle of food production and compost formation, while helping children understand how their food choices affect not only their own health, but farmers, the environment, and your local community. Includes over 45 hands-on activities. ISBN 978-0-88448-242-0

Grades K-6  
\$19.95, paperback

Tilbury House Publishers  
103 Brunswick Avenue  
Gardiner, ME 04345  
Phone: (207) 582-1899  
Toll free: (800) 582-1899  
Fax: (207) 582-8227  
E-mail: [tilbury@tilburyhouse.com](mailto:tilbury@tilburyhouse.com)  
Website: [www.tilburyhouse.com](http://www.tilburyhouse.com)

### Heifer International

This organization's mission is to stop world hunger by caring for the earth. There are a variety of educational resources including lesson plans, books, and videos available for all ages. The Read and Feed program is one of many which promote literacy and sustainable communities. View the website for the variety of programs available.

Grades K-adult  
Free online information

Heifer International  
1 World Avenue  
Little Rock, AR 72202  
Toll free: (800) 422-0474  
Website: [www.heifer.org](http://www.heifer.org)

### National Sustainable Agriculture Information Service

This website provides a listing of numerous resources that support sustainable agriculture in specific areas of agriculture. General and technical information is available through this website. A great place to start when doing a middle or high school research project.

Grades 7-adult  
Free online information

ATTRA—National Sustainable Agriculture Information Service  
Post Office Box 3657  
Fayetteville, AR 72702  
Phone: (800) 346-9140  
Website: [www.attra.ncat.org](http://www.attra.ncat.org)

### Nourishing the Planet in the 21st Century

This free curriculum was created by the respected science curriculum developer, Biological Science Curriculum Study, and underwritten by the Nutrients for Life Foundation. It provides hands-on classroom application to help tomorrow's generation realize that the challenge of feeding our growing population can be solved with science. Each lesson in the six lessons series addresses key objectives from the National Science Education Standards.

Grades 6-9, 10-12  
Free

Nutrients for Life Foundation  
Capitol View  
425 Third Street SW, Suite 950  
Washington, DC 20024  
Phone: (800) 962-9065  
Fax: (202) 962-0577  
E-mail: [info@nutrientsforlife.org](mailto:info@nutrientsforlife.org)  
Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

### The Sacramento Valley

Sacramento Valley farmers have formed a partnership with their local environment in the way they manage irrigation water. The 24" x 36" color poster provides a glimpse at this working partnership as well as a look at new technology that allows farmers to most efficiently use water. The poster features a map of the Sacramento Valley with full-color pictures and information boxes.

Grades 3-adult  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)



## Sustainable Agriculture Resources and Programs for K-12 Youth

This 16-page, downloadable guide to sustainable agriculture-oriented educational opportunities for school children features more than 50 programs and curricula nationwide. It ranges from "Growing Minds," a program linking the garden and agriculture in Appalachia, to "French Fries and the Food System," a year-round curriculum focusing on ways youth can better understand land and local food systems. Includes direct links, program contact information, and ideas for integrating lessons into school programs.

Grades K-12  
Free online

USDA - SARE  
10300 Baltimore Avenue  
BARC West, Building 046  
Beltsville, MD 20705  
Phone: (301) 504-5230  
Fax: (301) 504-5207  
E-mail: [intern@sare.org](mailto:intern@sare.org)  
Website: [www.sare.org](http://www.sare.org)

## Tomatoes

### Processing Tomatoes Fact and Activity Sheet

This California-specific fact sheet includes information on processing tomato production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about processing tomatoes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Trees

Also see **Environment, Forestry and Forest Resources**, and individual commodity listings

### ► Indicates new for 2011-2012

### American Forests' Historic Tree Program

Catalog describes numerous trees available for sale. The trees available are associated with certain people of the nation's historical heritage. The catalog describes the history of each tree, including the person it represents.

Grades 4-adult  
Free catalog

American Forests' Historic Tree Program  
8300 Pritchard Road  
Jacksonville, FL 32219  
Toll free: (800) 320-TREE  
E-mail: [jrankin@amfor.org](mailto:jrankin@amfor.org)  
Website: [www.historictrees.org](http://www.historictrees.org)  
Website: [www.amfor.org](http://www.amfor.org)

### Real Trees 4 Kids!

Instructional materials and tree farm locations are available to educators and the public. The curriculum now includes a recently added section for grades K-2, featuring lessons based on popular books about farm-grown trees. In the elementary level, students learn about the life cycle of conifer trees, types of trees grown on farms, and how trees are recycled. In the middle school level, students learn more about life cycles and scientific names, join conifers for dinner at home, and hear first-hand about a year in the life of a tree grower. In the secondary level, students dig deep into the soil, learn how tree growers keep their crops healthy, discover the principles of supply and demand, and get an inside look at conifers.

Grades K-12  
Free online curriculum

National Christmas Tree Association  
16020 Swingley Ridge Road, Suite 300  
Chesterfield, MO 63017  
Phone: (636) 449-5070  
Fax: (636) 449-5051  
E-mail: [info@realchristmastrees.org](mailto:info@realchristmastrees.org)  
Website: [www.realtrees4kids.org](http://www.realtrees4kids.org)  
Website: [www.christmastree.org](http://www.christmastree.org)

### ► Seed to Seedling

This program guides students and teachers to explore nature in an experiential way and can be adapted for grades K-6. Accompanying curriculum includes 10 lessons that focus on the natural and cultural history of California's native oaks. Teachers who register to participate at the beginning of the school year will be offered acorns and planting materials on a first-come, first-served basis. Materials will be available for pickup in January and must be returned to the Sacramento Tree Foundation in May.

Grades K-6  
Free; available online only

Sacramento Tree Foundation  
191 Lathrop Way, Suite D  
Sacramento, CA 95815  
Phone: (916) 924-TREE (8733)  
Fax: (916) 924-3803  
E-mail: [seedtoseedling@sactree.com](mailto:seedtoseedling@sactree.com)  
Website: [www.sactree.com](http://www.sactree.com)

### What Tree Is That?

This key, full of diagrams and descriptions, allows one to identify trees that grow in the Western United States.

Grades 5-adult  
\$5

Arbor Day Foundation  
100 Arbor Avenue  
Nebraska City, NE 68410  
Toll free: (888) 448-7337  
E-mail: [education@arborday.org](mailto:education@arborday.org)  
Website: [www.arborday.org](http://www.arborday.org)

## Turkeys

### ► Indicates new for 2011-2012

#### Gobble It Up

Learn about Thanksgiving, the history of the turkey, and its popularity as part of a year-round meal. This ready-to-produce unit is aligned to the Content Standards for California Public Schools, grades four through six. A CD of the unit includes virtual reality tours and pictures of turkeys on the farm, at the hatchery, and milling and feeding.

Grades 4-6  
Free

California Poultry Federation  
4640 Spyres Way, Suite 4  
Modesto, CA 95356  
Phone: (209) 576-6355  
Fax: (209) 576-6119  
E-mail: [califpoultry@cs.com](mailto:califpoultry@cs.com)  
Website: [www.CPIF.org](http://www.CPIF.org)

### ► Presidential Turkey Activity Guide

This four-page guide introduces students to the history of our nation's Presidential Turkey tradition and engages them with activities about the popular poultry. English-language arts, history-social science, math, science, and health education are incorporated. Aligned to the Content Standards for California Public Schools.

Grades 4-6  
Free; available online only

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Turkey Production

This 15-minute video (VHS or DVD) shows how turkeys grow in the egg, hatch, and are raised.

Grades 9-12  
Free

Iowa Turkey Federation  
Post Office Box 825  
Ames, IA 50010  
Phone: (515) 232-7492  
Fax: (515) 232-2825  
E-mail: [info@iowaturkey.org](mailto:info@iowaturkey.org)  
Website: [www.iowaturkey.com](http://www.iowaturkey.com)

## Vegetables

Also see **Agriculture-General, Fruit, Nutrition**, and individual commodity listings

### ► Indicates new for 2011-2012

#### Fresh King, Inc.

This website has information on a variety of fruits and vegetables, including avocados, passion fruit, limes, carambola, papaya, sugar snap peas, snow peas, and French beans. The information is written in a format youth can understand.

Grades 4-adult  
Free online information

Fresh King, Inc.  
Website: [freshking.com](http://freshking.com)

## Harvest of the Month

Harvest of the Month features ready-to-use resources that can be widely applied within the school environment. Based on the U.S. Dietary Guidelines for Americans, this program provides educators with materials to give students hands-on opportunities to explore, taste, and learn about the importance of eating fruits and vegetables and being active every day. An online training guides and supports users on how to effectively use program materials and resources. Includes a short DVD providing a visual experience of Harvest of the Month in action. Within this site, the Educators' Corner provides teachers with additional activities, lesson ideas, recipes, student assessments, and a wealth of resources to help implement a successful program.

Grades PreK-12  
Free download

California Nutrition Network  
Katharina Streng  
Phone: (916) 552-9843  
E-mail: [katharina.streng@cdph.ca.gov](mailto:katharina.streng@cdph.ca.gov)  
Website: [www.harvestofthemonth.com](http://www.harvestofthemonth.com)

## Leafy Greens Council

This website explains the value of eating cruciferous vegetables and includes lesson plans and background information to incorporate this idea into classroom curricula.

Grades K-adult  
Free online information

Leafy Greens Council  
Website: [www.leafy-greens.org](http://www.leafy-greens.org)

## ► Spinach Fact Sheet

This California-specific fact sheet includes information about spinach production, history, and economic value. Also includes activity sheet and lesson ideas.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Walnuts

### Walnut Gleaning

Walk through an already-harvested walnut orchard and pick up remaining walnuts, keeping half and yielding half to the owner. Preceded by a presentation on what walnut varieties are available, what special features to look for, and what not to harvest.

Grades K-adult  
Free  
November only

Haag Farm Walnuts  
16200 County Road 87  
Esparto, CA 95627  
Phone: (530) 787-3603  
Fax: (530) 787-3603  
E-mail: [haag@cal.net](mailto:haag@cal.net)  
Website: [www.walnuts.us](http://www.walnuts.us)  
Website: [www.WalnutsWalnuts.com](http://www.WalnutsWalnuts.com)

### California Walnut Board Materials

#### Cal Walnut's A-maze-ing Walnut Grove

This easy-to-complete maze is intended for preschool and early elementary students. After helping Cal Walnut through the maze, students can color the picture.

Grades PreK-1  
Free; available online only

#### Cal Walnut's Crossword Fun

Kids can have fun learning about walnut history, growing, harvesting, and nutrition by completing this crossword puzzle.

Grades 3-12  
Free; available online only

#### Cal Walnut's Wacky Word Search

This word search provides a fun way for kids of all ages to learn facts and trivia about California walnuts.

Grades 3-12  
Free; available online only

#### Crack the Code with Cal Walnut Activity Sheet

This activity sheet asks students to unscramble words and then solve a hidden message puzzle to reveal a secret message.

Grades 4-8  
Free; available online only

**Walnut Information**

The California Walnut Board's website has an overview of the industry.

Grades K-12

Free; available online only

California Walnut Board  
101 Parkshore Drive, Suite 250  
Folsom, CA 95630  
Phone: (916) 932-7070  
E-mail: [info@walnuts.org](mailto:info@walnuts.org)  
Website: [www.walnuts.org](http://www.walnuts.org)

**Walnuts Fact and Activity Sheet**

This California-specific fact sheet includes information on walnut production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about walnuts.

Grades 6-adult

Free, also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

**Water**

Also see **Environment** and **Soil** listings

**► Indicates new for 2011-2012****Agricultural Water Fact and Activity Sheet**

This two-sided document provides information on water sources, the history of water development, and the forms of irrigation. The activity sheet provides lesson ideas and a historical timeline of California water development.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

**California Farm Water Coalition Materials****Alfalfa—A Home for Animals and Ice Cream for People**

This interactive lesson teaches students about alfalfa production in California and how it benefits consumers and contributes to the economy and the environment. It also shows how alfalfa production uses water resources efficiently, how California's climate gave rise to the development of water for irrigation, and how this development led to dairy and cattle industries and the need for alfalfa. Unit is aligned to the Content Standards for California Public Schools.

Grades 4-6

Free

**Cotton and the Water Connection**

This eight-lesson unit has students discover personal connections to cotton, a valuable export, while critically looking at different viewpoints on irrigated agriculture. Lesson topics include water development, California climate and topography, irrigation, drainage, and salinity. Unit is aligned to the Content Standards for California Public Schools and contains Farm Water Works video, cotton boll, cotton seeds, blackline masters, and color photographs.

Grades 4-6

Free

**Farm Water for Kids Activity Book and Stickers**

This eight-page activity book, featuring the Farm Water 'Toons, contains fun facts about irrigated agriculture plus a word search, math problems, and more. A set of six colorful stickers accompanies the book.

Grades 2-4

Free

**Farm Water Works**

This 14-minute DVD features balanced information about irrigated agriculture in California and provides information on the historical development of agricultural water supplies in the state.

Grades 4-adult

Free

**Rice and the Water Connection**

This educational unit explores the life and history of rice production in California with special emphasis on water use and the industry's environmental stewardship. Lesson topics include the growing process, the economy, rice and wildlife habitat, and a comparison between use of water on the farm and in the home. Unit is aligned to the Content Standards for California Public Schools and contains posters, rice seed for classroom growing activity, blackline masters, and more.

Grades 4-6

Free

**A River for All—The Life of the San Joaquin**

This 22-minute DVD explores the history of water development in California and how decisions made in the 19th century and beyond played a role in the water system we have today.

Grades 7-12

Free

**The Sacramento Valley**

Sacramento Valley farmers have formed a partnership with their local environment in the way they manage irrigation water. The 24" x 36" color poster provides a glimpse at this working partnership as well as a look at new technology that allows farmers to most efficiently use water. The poster features a map of the Sacramento Valley with full-color pictures and information boxes.

Grades 3-adult

Free

**The San Joaquin Valley**

Discover the rivers, canals, and aqueducts that deliver the water that enables valley farmers to grow the food and fiber products demanded by a consuming public. The 24" x 36" color poster features color photos that provide an educational view to the various irrigation systems used to grow the valley's \$15 billion worth of agricultural products.

Grades 4-adult

Free

**Water Fact Book: California Agriculture and its Uses of Water**

A reference tool for educators interested in agricultural water use. It provides a factual basis for agriculture's views on water use by combining statistics with information on industry programs and practices.

Reference book

Free

**Water Facts**

Fact sheet about the different ways California farmers conserve water.

Grades 6-adult

Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

**► Sierra to Sea Website**

This website about California's water includes video presentations and maps about the California State Water Project, the Central Valley Project, local water providers, water quality, dams, reservoirs, ground water, and more.

Grades 7-adult

Free online information

Sierra to Sea

E-mail: [lawroutreach@ucdavis.edu](mailto:lawroutreach@ucdavis.edu)

Website: [sierratosea.ucdavis.edu](http://sierratosea.ucdavis.edu)

**► There's No New Water!**

This water conservation and water quality curriculum is grounded in the simple yet powerful concept that water is a finite natural resource whose quantity and quality must be responsibly preserved, protected, used, and reused.

Grades 9-12

\$16

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hbccs.org/afterschoolag](http://www.n4hbccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

**► Understanding Invasive Aquatic Weeds**

This activity booklet contains helpful information and fun activities for students. The 15-page booklet features five of the invasive aquatic weeds found in North America. Includes interactive links to key concepts and terminology, video clips, and games that help illustrate the serious problems associated with these plant species. Download online or request a class set.

Grades 9-adult

Free; plus shipping

Aquatic Plant Management Society  
Post Office Box 821265  
Vicksburg, MS 39182  
Phone: (850) 245-2815  
E-mail: [jeff.schardt@myfwc.com](mailto:jeff.schardt@myfwc.com)  
Website: [www.apms.org](http://www.apms.org)

## Water Education Foundation Materials

### ► California Groundwater Map

This 24" x 36" map shows where groundwater is in California, and explains the different types of water-bearing formations. Cut-aways of different areas in California illustrate the problems of salt water intrusion, contamination, overdraft, and fractured rock. With changes in the way surface water is allocated in California, water users have turned to groundwater to help meet the state's needs.

Grades 6-adult  
\$10

### ► California Water Map

This 24" x 36" poster includes photos of California's natural environment, rivers, water projects, wildlife, and urban and agricultural uses. Text focuses on key California water issues: water supply, water use, water projects, the Delta, wild and scenic rivers, and the Colorado River. The map features natural and man-made water resources throughout the state, including the wild and scenic rivers system, federally funded projects, state-funded projects, locally funded projects and saline or alkaline lakes. Map is UV coated to resist fading.

Grades 5-adult  
\$15

### California's Water Problems

A series of four role-playing scenarios with appropriate lesson plans, worksheets, and evaluation devices on topics, including the Delta, Colorado River, agricultural drainage, and groundwater.

Grades 9-adult  
\$25

### California's Water Story

Multi-disciplinary unit includes a California water map, poster, trivia game, video, and lesson plan booklet with worksheets and water awareness stickers.

Grades 4-6  
\$25

### ► California's Water System Poster

This 18" x 24" poster explains both the literal and legal flow of California water. It illustrates the sources of water in the state and how and where it is distributed. Includes charts showing precipitation, drainage basins, and major water users.

Grades 6-adult  
\$5

### Conserve Water Educator's Guide

Students can learn to simulate the management of water resources in a community, create a xeriscape landscape, play an irrigation innovation game, or learn about how history can teach us conservation lessons. Other activities move students beyond the classroom to the community. Case studies help students learn decision-making and critical thinking from real life conservation problems.

Grades 5-12  
\$15.95

### Conserve Water Student Booklet

This 16-page booklet contains games, puzzles, and activities designed to teach students about water conservation.

Grades 4-8  
\$1.25

### ► The Delta Map

The Delta, convergence of California's two great water delivery systems, and major rivers is depicted in this 36" x 24" map. The map graphically depicts the importance of the Delta—what it is, where it is, and how water flows through the area. Accompanying text explains Delta levees, agriculture, fish and wildlife, drinking water issues, and the importance of the Delta to all Californians.

Grades 6-adult  
\$10

### Discover Ground Water and Springs Student Activity Booklet

This colorful, 16-page activity book featuring interactive lessons, such as filling glasses with sand, gravel, and clay, is designed to show principles related to water flow. Watershed animals, hot and cold springs, and everyday ground water uses are vividly illustrated and demonstrated. This is part of the KIDS Series, which features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of booklet's topic.

Grades 4-8  
\$1.25; quantity discounts available

### Discover Storm Water Children's Activity Booklet

This colorful, 16-page activity book features informative text, activities, investigations, and experiments designed to teach awareness of storm water and how to prevent pollution. Pull on your rain boots and try to imagine what your town would be like without storm drains. Readers can calculate runoff on permeable and impermeable surfaces, follow the maze of nonpoint source pollution, and apply best management practices.

Grades 4-8  
\$1.25; quantity discounts available

**The Fountains of Columbia**

This 11-minute DVD, shot on location at Columbia State Historic Park, helps students envision what life was like in a California gold mining town 150 years ago, and the importance that water played within the mining community. Lesson plan booklet included.

Grades 4-6  
\$39.95

**Give Water A Second Chance... Re-Cycle It!**

Designed for upper elementary students, this 16-page colorful booklet has background information on the process of recycling water and its similarity to the water cycle, as well as the need for recycled water. The five engaging double-page activities include a decoding game about the parts of the water re-cycle, mazes through a wastewater treatment plant, online explorations of wastewater microbe life cycles, activities to identify uses for wastewater, an experiment about salts dissolved in water, and the challenges for water recycling.

Grades 6-12  
\$1

**Groundwater Education for Secondary Students**

Teaches students about groundwater and the prevention, reduction, and elimination of groundwater pollution. Includes a California groundwater map. Two lessons available in Spanish.

Grades 7-12  
\$25

**Healthy Water, Healthy People Student Booklet**

This colorful, 16-page activity book features informative text, activities, investigations, and experiments designed to teach water quality monitoring, watershed restoration, and pollution prevention. Students also learn how the body uses water in sports, digestion, breathing, and even thinking. The booklet features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of the booklet's topics. Sold in class sets, but discounts are available for large quantity orders.

Grades 4-8  
\$1.25

**KIDS: Discovering Drought**

This 16-page activity book addresses these questions: How can there be a drought in a rain forest—or in the desert? What exactly is a drought? Students learn these answers and more, such as the roles of snowpack and groundwater, droughts around the world and throughout history, predicting and planning for drought, plant and animal adaptations, and dendrochronology.

Grades 4-8  
\$1.25

**KIDS: Watershed Protection**

This 16-page booklet helps children learn the answers to a host of questions. What is a watershed? How can you protect a watershed using simple, everyday actions? Who manages a watershed? What watershed habitats support different plants and animals?

Grades 4-8  
\$1.25

**Project Water Science**

A general science unit that studies water chemistry and how it relates to the environment. Includes reproducible game board, fact card, and a California water map.

Grades 7-12  
\$25

**Project WET**

Project WET is an international, interdisciplinary water education program for formal and non-formal educators of K-12 students. More than 90 innovative activities, which are hands-on, easy-to-use, and fun, are included in the Project WET Curriculum and Activity Guide.

Grades K-12  
Available to educators who participate in a Project WET workshop

**Spring Waters, Gathering Places**

An 80-page book that features five short, illustrated stories that chronicle the use of spring waters by the animal world, native culture, civil war, Oklahoma pioneers, and Teddy Roosevelt. Three sections follow with lessons about the water cycle, the creation of springs, and our bodies' dependence on healthy water.

Grades 4-7  
\$9.95

**Water Cycle Poster**

Water as a renewable resource is depicted in this 18" x 24" poster. Water is renewed again and again by the natural hydrologic cycle where water evaporates, transpires from plants, rises to form clouds, and returns to the earth as precipitation.

Grades K-12  
\$7

**Water Fact Card**

The Water Fact Card, in "slide guide" format, provides facts on water use and supply. One side of the card lists the amount of water used to produce many foods, including tomatoes, lettuce, milk, eggs, and hamburgers. The card also features information about how much water is used around the house and a breakdown of the Earth's water supply. Also available in Spanish.

Grades 3-12  
\$1

**Water on the Edge**

This 60-minute documentary presents a comprehensive look at critical water resources issues in California, from the state's early history to the present. Available as DVD or VHS and includes viewer's guide.

Grades 8-12  
\$25

**Watershed Protection Student Activity Booklet**

For grades four to seven, this colorful, 16-page, interactive booklet helps children learn the answers to a host of questions. What is a watershed? How can you protect a watershed using simple, everyday actions? Who manages a watershed? What watershed habitats support different plants and animals? Kids can even become a certified Watershed Hero! This booklet features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of the booklet's topic. Sold in class sets of 30, but discounts are available for large quantity orders.

Grades 4-8  
\$1.25

**Where Does Your Water Come From? The Drinking Water Source Book**

This booklet teaches students about the sources of drinking water. Children learn about the water cycle, watersheds, surface water, ground water, aquatic ecosystems, water quality and its effect on living things, sources of water pollution, and how to prevent pollution in their own communities. The information in this 32-page color book can support many different curriculum programs designed to teach about watersheds and water quality, or stand alone as an insight into the wonder of the life-giving resource we all need—water.

Grades 5-adult  
\$10; quantity discounts available

Water Education Foundation  
717 K Street, Suite 317  
Sacramento, CA 95814  
Phone: (916) 444-6240  
Fax: (916) 448-7699  
E-mail: [dfarmer@watereducation.org](mailto:dfarmer@watereducation.org)  
Website: [www.watereducation.org](http://www.watereducation.org)

**Water Education Materials**

Materials include student workbooks, teacher's guides, coloring books, flannel board stories, water map, and posters. Bilingual materials available.

Grades K-8  
Free catalog and materials

California Department of Water Resources  
Post Office Box 942836  
Sacramento, CA 94236-0001  
Phone: (916) 653-1097  
Fax: (916) 654-5506  
Website: [www.publicaffairs.water.ca.gov](http://www.publicaffairs.water.ca.gov)

**Water Precious Water**

This resource has been newly revised. Help students develop a strong understanding of this vital resource by exploring properties of water, the water cycle, soil and erosion, water use and conservation, and water treatment and quality. Includes a CD with printable student pages.

Grades 4-6  
\$24.95 plus s/h and tax; request item #1301

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

**Waves, Wetlands, and Watersheds**

A classroom-based, hands-on activity guide that integrates California Coastal Commission areas of critical concern (wetlands, coastal processes, marine debris and pollution, and endangered species) with California Science Content Standards. Also includes community action activities for all ages.

Grades 3-8  
Free; available online only

California Coastal Commission  
45 Fremont Street, Suite 2000  
San Francisco, CA 94105  
Phone: (415) 904-5200  
E-mail: [coast4u@coastal.ca.gov](mailto:coast4u@coastal.ca.gov)  
Website: [www.coastforyou.org](http://www.coastforyou.org)

**Watermelon****National Watermelon Promotion Board Materials****National Watermelon Promotion Board Website**

This organization has a website full of useful information about nutrition, health, and fun watermelon ideas. Free resources and teaching tools are available, such as activity sheets, coloring books, and more.

Grades K-12  
Free; also available online



## Watermelon—Educational Activity Pages

Language arts, math, social science, and healthy eating activity sheets are available online. New science sheets for middle school students are available. Hard copy of the Teacher's Tool Kit is now available on CD-ROM, including coloring books, a watermelon sing-a-long, and more watermelon-themed ideas to promote healthy eating in schools.

Grades 1-2, 3-4, 5-6

Free; available online

National Watermelon Promotion Board  
3361 Rouse Road Suite 150  
Orlando, FL 32817  
Phone: (407) 657-0261  
Toll free: (877) 599-5959  
Fax: (407) 657-2213  
E-mail: [info@watermelon.org](mailto:info@watermelon.org)  
Website: [www.watermelon.org](http://www.watermelon.org)

## Weather

### ► Indicates new for 2011-2012

### AIMS Education Foundation Materials

#### ► Earth Book: Hydrosphere, Geosphere, Atmosphere and Their Interactions

Students learn about the hydrosphere, geosphere, atmosphere, and their interactions by investigating the types of water on our planet; looking at faults, fossils, rocks, minerals, and soil; learning about clouds and weather fronts; and exploring the process of weathering, erosion, and more. Includes 48 activities on 446 pages, and a CD with printable student pages.

Grades 6-9

\$49.95 plus tax, s/h; request item #1325

#### ► Weather Sense: Temperature, Air Pressure, and Wind

Budding meteorologists investigate temperature variations, discover the properties of air, and measure wind speed. Students also construct measuring tools, maps, and graphs. Weather proverbs and journal prompts add a literacy component. 19 activities are included on 150 pages.

Grades 4-5

\$21.95 plus tax, s/h; request item #1218

AIMS Education Foundation  
Post Office Box 8120  
Fresno, CA 93747-8120  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

## Farmers' Almanac Themed Activities

This booklet provides activities focused on how farmers use the Farmers' Almanac as a resource to make decisions related to planting and harvesting crops. Includes topics such as weather, calendar reading, predictions, and sequencing.

Grades 4-8

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## National Weather Service Website

This website provides real time weather information, as well as basic information on weather and weather systems.

Grades 5-adult

Free online

National Weather Service  
Website: [www.nws.noaa.gov](http://www.nws.noaa.gov)

## Skyyeye Weather LLC

This Ohio-based weather consulting and education website provides weather-related information and a weather forum for enthusiasts to discuss all aspects of weather. Custom presentations are developed for the classroom.

Grades 1-adult

Fees vary

Skyyeye Weather LLC  
Phone: (513) 232-7246  
E-mail: [ruthie@skyyeyeweather.com](mailto:ruthie@skyyeyeweather.com)  
Website: [www.skyyeyeweather.com/learn.html](http://www.skyyeyeweather.com/learn.html)

## Wheat

Also see **Agriculture-General** and **Bread** listings

### Wheat Packet

This packet contains lesson plans, resources, and historical and economic information. Includes instructions on growing wheat and other data.

Grades K-12

Free, California teachers only

California Wheat Commission  
1240 Commerce Avenue, Suite A  
Woodland, CA 95776  
Phone: (530) 661-1292  
Fax: (530) 661-1332  
E-mail: [info@californiawheat.org](mailto:info@californiawheat.org)  
Website: [www.californiawheat.org](http://www.californiawheat.org)

## Wildlife

Also see **Birds**, **Environment**, **Gardening**, and **Insects** listings

### Federal Junior Duck Stamp Program

The U.S. Fish and Wildlife Service's Junior Duck Stamp Program is a classroom activity series. Teachers conduct the activities with students, addressing topics such as wildlife-friendly agriculture, conservation, habitat, wildlife management, wildlife art, and stamp collecting. As part of the program, students create images for junior duck stamps, which are entered into an annual contest (deadline March 15). Every entry received earns \$1 toward environmental education in California. Classroom presentations available late October through mid-March in Sacramento, Yolo, Solano, and South Placer counties. Curriculum and bonus activities available online.

Grades K-12

Free posters, newsletters, bookmarks, and calendars available yearly

California Waterfowl Association  
4630 Northgate Boulevard, Suite 150  
Sacramento, CA 95834  
Phone: (916) 648-1406  
Fax: (916) 648-1665  
E-mail: [cwaeducation@calwaterfowl.org](mailto:cwaeducation@calwaterfowl.org)  
Website: [www.calwaterfowl.org](http://www.calwaterfowl.org)  
Website: [www.caljrduckstamp.org](http://www.caljrduckstamp.org)

### Project WILD K-12 Curriculum and Activity Guide

Project WILD is an interdisciplinary, supplementary, environmental and conservation education program for educators of kindergarten through high school-age young people. A variety of resources are available through state Project WILD coordinators. "Growing Up WILD" is an early childhood education program that builds on a child's sense of wonder about nature and invites them to explore wildlife and the world around them.

Grades K-12

Free online information

Project Wild National Office  
5555 Morningside Drive, Suite 212  
Houston, TX 77005  
Phone: (713) 520-1936  
Fax: (713) 520-8008  
E-mail: [info@projectwild.org](mailto:info@projectwild.org)  
Website: [www.projectwild.org](http://www.projectwild.org)  
Website: [www.flyingwild.org](http://www.flyingwild.org)  
Website: [www.councilforee.org](http://www.councilforee.org)  
Website: [www.birdeducation.org](http://www.birdeducation.org)

## Wildlife in the Garden

This resource helps youth understand wildlife and their needs. Students learn to appreciate the contribution and aesthetic value wildlife brings to a garden habitat. Multiple lessons and activities allow students to be involved in service learning projects. Students can earn certification as Wildlife Gardeners.

Grades 3-8

\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

## Wool

Also see **Fibers** listing

### Wool Packet

Packet includes wool chart and booklet about wool production. A video describing the story of Pendleton is also available.

Grades K-12

Free; order online

Pendleton Woolen Mills  
Education and Testing Department  
Post Office Box 3030  
Portland, OR 97208-3030  
Fax: (503) 535-5794  
E-mail: [education@pendleton-usa.com](mailto:education@pendleton-usa.com)  
Website: [www.pendleton-usa.com](http://www.pendleton-usa.com)

## Worms

### The Adventures of Herman the Worm

Learn about the history of worms, worm anatomy, and more using this youth-oriented website whose main character is Herman. CD-ROM also available for purchase.

Grades K-8

Free online information

CD-ROM, \$16.99 includes shipping

Urban Programs Resource Network  
University of Illinois Extension,  
Website: [www.urbanext.uiuc.edu/worms](http://www.urbanext.uiuc.edu/worms)

### EarthWorm Digest

EarthWorm Digest is a non-profit educational organization with a helpful website and quarterly magazine. Find both free and inexpensive tools and books, videos, and other resources. Register online and read and respond to postings from other experts and earthworm enthusiasts. Printed magazines with information about earthworms and earthworm businesses are available.

Grades 2-adult

Prices vary

EarthWorm Digest  
The Richard Melvin Building  
1455 East 185th Street  
Cleveland, OH 44110  
Phone: (216) 531-5374  
Fax: (216) 531-5374  
E-mail: [earthworm@wormdigest.org](mailto:earthworm@wormdigest.org)  
Website: [www.wormdigest.org](http://www.wormdigest.org)

### Flowerfield Enterprises and Flower Press Materials

#### Compost, By Goshi!

A poetically written and delightfully illustrated children's picture book empowers readers and listeners to vermicompost.

Grades PreK-4

\$16.95 plus \$6 s/h

#### Worm Bin Creatures Alive Through the Microscope Video

This 31-minute DVD shows close-ups of busy sow bugs, springtails, mites, redworms, and other worm bin creatures.

Grades K-adult

\$25 plus \$10 s/h

#### The Worm Cafe: Mid-Scale Vermicomposting of Luncheon Waste

This detailed manual, by Binet Payne, describes a school-wide program for integrating the recycling of glass, cans, milk cartons, and paper wastes with a cafeteria food-waste recycling program using redworms.

Grades K-adult

\$29.95 plus \$8 s/h

### Wormania! Video

This 26-minute DVD features close-ups of live earthworms in their natural habitat. A 48-page Wormania! teaching guide can be ordered separately.

Grades K-8

\$25 plus \$8 s/h

### Worm-a-way Vermicomposting Kit

This kit comes with Mary Appelhof's vermicomposting bin, a unique ventilation system, snap-on lid, the "Worms Eat My Garbage" book, and a coupon for one pound of redworms. Two sizes available.

Grades K-adult

Call for order form or check website

### Worms Eat My Garbage

This 176-page book, written by Mary Appelhof, is a guide to vermicomposting, a process using redworms to recycle food waste into nutrient-rich food for plants. ISBN 978-0-9778045-1-1

Grades K-adult

\$12.95 plus \$3.50 s/h

### Worms Eat Our Garbage: Classroom Activities for a Better Environment

Integrated curricular activities use the world of worms, the environment, and natural resources to help children develop language, math, problem-solving, and critical-thinking skills.

Grades 4-6

\$24.95 plus \$10 s/h

Flowerfield Enterprises, LLC  
10332 Shaver Road  
Portage, MI 49024  
Phone: (269) 327-0108  
Fax: (269) 327-7009  
E-mail: [nancy@wormwoman.com](mailto:nancy@wormwoman.com)  
Website: [www.wormwoman.com](http://www.wormwoman.com)



# Section 3

## Additional Agricultural Facts and Information



California Foundation for  
Agriculture in the Classroom

California Agriculture  
#1 Commodities by County  
California Agriculture Quiz  
Resources in Your Community  
California Counties at a Glance  
Agriculture in the Classroom National Contacts  
California Association Future Farmers of America  
University of California 4-H Youth Development Program  
Field Trip Ideas



## Agricultural Overview

California agriculture experienced a 9 percent drop in the sales value of its products for 2009. The state's 81,500 farms and ranches received \$34.8 billion for their output last year, down from the all-time high of \$38.4 billion reached during 2008. The state's agricultural sales for 2009 were the third highest recorded, behind only 2008 and 2007.

California's decline in revenue was led by the dairy sector. Dairy producers received \$4.54 billion for their milk production in 2009, down 34 percent from 2008, and

down 38 percent from the 2007 record high of \$7.34 billion. Herd size decreased 3 percent from 2008. Milk production from the state's dairy farms decreased 4 percent. Milk prices received by producers continued to fall from \$18.05 in 2007, to \$16.82 in 2008, to \$11.49 per hundred pounds of milk sold in 2009. California produced 20.9 percent of the nation's milk supply last year. Milk prices remained low for the first 7 months before beginning to recover.



California remained the number one state in cash farm receipts in 2009, with its \$34.8 billion in revenue representing 12.3 percent of the U.S. total. The state accounted for 16.5 percent of national receipts for crops, and 6.5 percent of the U.S. revenue for livestock and livestock products.

California's agricultural abundance includes more than 400 commodities. The state produces nearly half of U.S.-grown fruits, nuts, and vegetables. Across the nation, U.S. consumers regularly purchase several crops produced solely in California.

Top 5 Agricultural States in Cash Receipts, 2009		
State	Rank	Total Value <i>Billion Dollars</i>
California	1	34.8
Iowa	2	21.0
Texas	3	16.6
Nebraska	4	15.3
Illinois	5	14.5

## Crop and Livestock Commodities in which California Leads the Nation

<b>Almonds</b>	Escarole/Endive	Limes	Plums
Apricots	<b>Figs</b>	Melons, Cantaloupe	<b>Plums, Dried</b>
<b>Artichokes</b>	Flowers, Bulbs	Melons, Honeydew	Pluots
Asparagus	Flowers, Cut	Milk	<b>Pomegranates</b>
Avocados	Flowers, Potted Plants	Milk Goats	Raspberries
Beans, Dry Lima	Garlic	Nectarines	<b>Rice, Sweet</b>
Bedding/Garden Plants	<b>Grapes, Raisins</b>	Nursery, Bedding Plants	Safflower
Broccoli	Grapes, Table	Nursery Crops	Seed, Alfalfa
Brussels Sprouts	Grapes, Wine	<b>Olives</b>	Seed, Bermuda Grass
Cabbage, Chinese	Greens, Mustard	Onions, Dry	<b>Seed, Ladino Clover</b>
Cabbage, F.M.	Hay, Alfalfa	Onions, Green	Seed, Vegetable and Flower
Carrots	Herbs	Parsley	Spinach
Cauliflower	Kale	<b>Peaches, Clingstone</b>	Strawberries
Celery	<b>Kiwifruit</b>	Peaches, Freestone	Tangelos
Chicory	Kumquats	Pears, Bartlett	Tangerines
Cotton, American Pima	Lemons	Peppers, Bell	Tomatoes, Processing
Daikon	Lettuce, Head	Persimmons	Vegetables, Greenhouse
<b>Dates</b>	Lettuce, Leaf	Pigeons and Squabs	Vegetables, Oriental
Eggplant	Lettuce, Romaine	<b>Pistachios</b>	<b>Walnuts</b>
			Wild Rice

California is the sole producer (99% or more) of the commodities in **bold**.

Source: USDA, NASS, California Field Office

## Farm Facts

In 2009, 81,500 farms operated in California, less than 4 percent of the national total. Over 23 percent of California farms produced commodity sales totaling over \$100,000, compared with 17 percent for the U.S. as a whole. During 2009, California land devoted to farming and ranching totaled 25.4 million acres, unchanged from 2008. Both the California and U.S. average farm size remained steady from the previous year at 312 and 418 acres, respectively.

## Top Commodities

California's top 20 crop and livestock commodities accounted for more than \$27.2 billion in value for 2009. Eight commodities exceeded \$1 billion in value for 2009. Eleven of the 20 commodities registered an increase in value from the previous year. The same was not true for California's leading commodity, milk and cream, which decreased by over \$2 billion in value, due to lower production and lower prices. Final grower returns could change the sales value for hay, berries and other commodities, resulting in an updated dollar amount in next year's report.

## Leading Counties

California is home to some of the most productive counties in the nation. According to the 2007 Census of Agriculture's ranking of market value of agricultural products sold, nine of the nation's top 10 producing counties are in California. The sales of these nine counties accounted for 6.6 percent of the nation's total sales value.

California's counties reported a decrease of 8.5 percent in the value of their agricultural production for 2009. Four counties reported agricultural production exceeding \$3 billion each and thirteen counties reported a value of production in excess of \$1 billion. Fresno continued as the leading county with an agricultural production value of \$5.37 billion, a decrease of 4.7 percent from the 2008 value. Tulare County was second in value of production with \$4.05 billion, a 19.4 percent decrease from 2008. Monterey had an increase of 5.4 percent in production to \$4.03 billion, moving the county to third in value. Kern's decrease of 10.6 percent dropped their value of agricultural production to \$3.61 billion, fourth in value.

### California's Top 20 Commodities for 2007–2009

Commodity	Value and Rank					
	2007		2008		2009	
	<i>x \$1,000</i>					
Milk and Cream	7,336,603	(1)	6,924,121	(1)	4,537,171	(1)
Grapes, All	3,079,870	(2)	2,923,015	(2)	3,267,848	(2)
Nursery Products	2,938,450	(3)	2,726,160	(3)	2,848,500	(3)
Almonds (shelled)	2,401,875	(4)	2,343,200	(4)	2,293,500	(4)
Lettuce, All	1,697,278	(6)	1,580,831	(7)	1,725,799	(5)
Berries, All Strawberries	1,410,652	(7)	1,578,175	(8)	1,725,232	(6)
Cattle and Calves	1,784,101	(5)	1,884,660	(5)	1,676,373	(7)
Tomatoes, All	1,223,435	(9)	1,317,321	(9)	1,509,647	(8)
Flowers and Foliage	1,036,266	(10)	1,060,489	(10)	935,195	(9)
Rice	455,132	(17)	826,143	(11)	928,173	(10)
Hay, Alfalfa and Other	1,405,800	(8)	1,797,032	(6)	927,496	(11)
Walnuts	751,120	(11)	558,080	(17)	738,530	(12)
Broccoli	626,325	(14)	663,319	(13)	698,376	(13)
Chickens, All	713,218	(12)	724,667	(12)	691,518	(14)
Oranges, All	373,077	(19)	558,974	(16)	655,820	(15)
Pistachio	586,560	(15)	569,900	(15)	592,850	(16)
Carrots, All	461,976	(16)	517,663	(18)	499,766	(17)
Lemons	358,402	(20)	479,531	(19)	364,248	(18)
Celery	395,667	(18)	354,979	(21)	349,918	(19)
Peaches	331,840	(23)	294,549	(24)	326,331	(20)



# #1 Commodities by County



Ranking based on dollar value of commodity;

2009 statistics information obtained from County Agricultural Commissioner reports.

# California Agriculture Quiz

1. Agriculture is one of California's leading industries.  True  False
2. California is the nation's #1 agricultural state.  True  False
3. California farmers and ranchers produce more than 400 different crops and livestock commodities.  True  False
4. The majority of the farmland in California is owned by families.  True  False
5. California is the national leader in agricultural exports.  True  False
6. List the top three states in agricultural production.  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_
7. List five of the top ten commodities produced in California.  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_
8. California leads the nation in the production of \_\_\_\_\_ crop and livestock commodities.  36  61  77
9. According to government statistics, there are more than \_\_\_\_\_,000 farms and ranches in California.  35  81  190
10. The average size of a California farm is \_\_\_\_\_ acres.  248  312  630
11. The average size of a nationwide farm is \_\_\_\_\_ acres.  418  770  935
12. Agriculture directly contributes more than \_\_\_\_\_ billion dollars to California's economy.  12.4  17.8  34.8

Based on 2009 statistics compiled from California Agricultural Statistics Service.

# California Agriculture Quiz

## Answer Sheet

1. Agriculture is one of California's leading industries.  
*Cash farm receipts for 2009 totaled \$34.8 billion.*  True  False
2. California is the nation's #1 agricultural state.  
*For more than 50 years, California has been the leading agriculture producing state in the nation, followed by Iowa and Texas. Of the top ten agriculture-producing counties in the United States, nine are located in California. The nine California counties in ranking order are Fresno (1), Tulare (2), Monterey (3), Kern (4), Merced (5), Stanislaus (6), San Joaquin (7), Imperial (9), and Ventura (10). Weld, Colorado ranks eighth.*  True  False
3. California farmers and ranchers produce more than 400 different crops and livestock commodities.  
*Because of diverse micro-climates and an excellent water transportation system, California farmers produce more than 400 different crops and livestock commodities.*  True  False
4. The majority of the farmland in California is owned by families.  
*Less than 3% of California farmland is owned by non-family corporations. Many family farms have become incorporated to ensure the continuation of their operation into future generations.*  True  False
5. California is the national leader in agricultural exports.  
*International leading export destinations include the Canada, the European Union, and Japan.*  True  False
6. List the top three states in agricultural production.  
*California, \$34.8 billion; Iowa \$21 billion; and Texas, \$16.6 billion.*
1. California, \$34.8 billion  
2. Iowa, \$21 billion  
3. Texas, \$16.6 billion
7. List five of the top ten commodities produced in California. (In ranking order)
- |                            |                        |                                 |                 |
|----------------------------|------------------------|---------------------------------|-----------------|
| 1. <i>Milk &amp; Cream</i> | 4. <i>Almonds</i>      | 7. <i>Cattle &amp; Calves</i>   | 10. <i>Rice</i> |
| 2. <i>Grapes, all</i>      | 5. <i>Lettuce</i>      | 8. <i>Tomatoes</i>              |                 |
| 3. <i>Nursery Products</i> | 6. <i>Strawberries</i> | 9. <i>Flowers &amp; Foliage</i> |                 |
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_
8. California leads the nation in the production of 77 crop and livestock commodities.  
*California produces more than 99% of the total U.S. output of several crops, including almonds, artichokes, figs, raisin grapes, olives, clingstone peaches, dried plums, dates, kiwifruit, pomegranates, sweet rice, Ladino clover seed, and walnuts.*  36  61  77
9. According to government statistics, there are more than 81,000 farms and ranches in California.  
*The federal government defines a farm to be any unit of production with gross sales of \$1,000 or more per year. In 2009, this qualified 81,500 farms to be counted in California.*  35  81  190
10. The average size of a California farm is 312 acres.  
*The size of farms varies depending on the type of agriculture commodity produced. For example, vineyards or citrus groves average 45 acres, while cattle ranches need larger acreage to graze their herds. More than 65% of the state's farms are less than 50 acres.*  248  312  630
11. The average size of a nationwide farm is 418 acres.  418  770  935
12. Agriculture directly contributes more than 34.8 billion dollars to California's economy.  
*Agriculture generated \$34.8 billion for our state's economy in 2009.*  12.4  17.8  34.8

Based on 2009 statistics compiled from California Agricultural Statistics Service.

# Resources in Your Community

Consider contacting the following local organizations for additional information.

## Agricultural Organizations

Call County Farm Bureau offices to see if any of the following are in your area:

- California Women for Agriculture chapters
- Farm-to-School organizations
- Commodity associations
- Agricultural cooperatives
- Grange associations
- Resource Conservation Districts
- State and federal education and research offices

## Agriculture Education Instructors

- Community colleges, colleges and universities  
Agriculture & Natural Resources Department
- Future Farmers of America
- Middle and high schools

## Businesses—Local/Regional/National

- Banks
- Hardware stores
- Garden and floral shops
- Grocery stores
- Processing plants

## Chamber of Commerce

- Agriculture division
- Business directory
- Local history
- Maps

## County Agriculture Commissioner's Office

- Classroom speakers
- Entomologists
- Statistics
- Regulations

## County Fair Office

- Agriculture division
- Educational entries
- Posters
- Special events person
- Student Day at the Fair (field trip)

## County Farm Bureau Office

- Field trip possibilities
- List of agricultural groups within the county
- Newsletters
- Summer Agricultural Seminars

## County Superintendent of Schools Office

- Curriculum coordinators
- Instructional materials center/library
- Public information officer

## Education Materials

- Catalogs, directories
- Museums, historical societies
- Organizations
- Teacher supply stores
- Websites

## Farmers' Markets

- Certified farmers' markets
- Farm Trail organizations

## Libraries

- Local and county reference desks
- National Agricultural Library access
- Internet access – [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Mentor Teachers

- Agricultural resources
- Garden resources
- Subject area field trips

## Museums

- Local historical societies
- Natural history
- Science

## Newspapers

- Editors
- Newspapers in Education

## Offices with Staff Available

- Agriculture-related private industries  
Banks, agriculture lenders      Seed companies  
Fertilizer dealers                  Tractor dealers
- City Council, Mayor
- Congressional Representative regional offices
- County Board of Supervisors
- State Assembly district office
- State Senate district office

## Phone Book

- Community Service Numbers (Agriculture)
- Government Pages (Agriculture)
- Yellow Pages  
Area Profile                          Did You Know?  
Places to Go                          Calendar of Events  
Fun for Kids                          Index

## Schools

- AITC Ambassadors
- Curriculum specialists
- Teachers
- Workshops
- District coordinators
- School garden coordinators

## University of California

## County Cooperative Extension Office

- County agriculture profiles and history
- Entry into UC resource library systems
- 4-H materials
- Food, animal, and plant commodity specialists
- Master Gardeners
- Research

# California Counties at a Glance

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Hayward.....(510) 670-5232  
UC Cooperative Extension/4-H.....(510) 567-6812  
Farm Bureau, Livermore.....(925) 449-1677

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Agricultural Commissioner,  
Jackson.....(209) 223-6487  
UC Cooperative Extension/4-H.....(209) 223-6482  
Farm Bureau, Jackson.....(209) 223-9095

### BUTTE

Agricultural Commissioner,  
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UC Cooperative Extension/4-H.....(530) 538-7201  
Farm Bureau, Oroville.....(530) 533-1473

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Farm Bureau, Valley Springs.....(209) 772-3987

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UC Cooperative Extension/4-H.....(530) 458-0570  
Farm Bureau, Colusa.....(530) 458-5130

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4-H.....(925) 646-6543  
UC Cooperative Extension.....(925) 646-6540  
Farm Bureau, Concord.....(925) 672-5115

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Agricultural Commissioner,  
Crescent City.....(707) 464-7235  
UC Cooperative Extension/4-H.....(707) 464-4711  
Farm Bureau, Smith River.....(707) 487-0612

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Agricultural Commissioner,  
Placerville.....(530) 621-5520  
UC Cooperative Extension/4-H.....(530) 621-5502  
Farm Bureau, Placerville.....(530) 622-7773

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Farm Bureau, Fresno.....(559) 237-0263

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Farm Bureau, Orland.....(530) 865-9636

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Farm Bureau, Eureka.....(707) 443-4844

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Farm Bureau, Bishop.....(760) 387-2692

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 Post Office Box 3638  
 Lacey, WA 98509-3638  
 Phone: (509) 349-8833  
 E-mail: [info@waic.net](mailto:info@waic.net)

**West Virginia**

Ms. Helen Hardman  
 West Virginia Farm Bureau  
 1 Red Rock Road  
 Buchannon, WV 26201  
 Phone: (304) 472-2080 ext. 22  
 E-mail: [helenh@wvfarm.org](mailto:helenh@wvfarm.org)

Ms. Mary Beth Bennett  
 West Virginia University Extension  
 400 West Stephen Street, Suite 302  
 Martinsburg, WV 25401  
 Phone: (304) 264-1936  
 E-mail: [MBBennett@mail.wvu.edu](mailto:MBBennett@mail.wvu.edu)

**Wisconsin**

Ms. Darlene Arneson  
 Wisconsin Farm Bureau Federation  
 Post Office Box 5550  
 1241 John Q Hammons Drive  
 Madison, WI 53705-0550  
 Phone: (608) 828-5719  
 E-mail: [darneson.fbcenter@wfbf.com](mailto:darneson.fbcenter@wfbf.com)

**Wyoming**

Ms. Brook Gerke  
 Wyoming Agriculture in the Classroom  
 2219 Carey Avenue  
 Cheyenne, WY 82002  
 Phone: (307) 777-6618  
 E-mail: [bgerke@state.wy.us](mailto:bgerke@state.wy.us)

**U.S. Territories****American Samoa**

Mr. Aufa'i Ropeti Areta  
 American Samoa Community College  
 Post Office Box 5319  
 Pago Pago, AS 96799  
 Phone: (684) 699-1394 / 20

**Guam**

Res. Instruction Coord.  
 College of Ag & Life Science  
 Univ. of Guam - UOG Sta.  
 Mangilao, Guam 96923  
 Phone: (671) 735-2009

**Micronesia**

Mr. Jackson A. Phillip  
 Coop. Extension Service  
 College of Micronesia  
 Post Office Box 1866  
 Kolonia Pohnpei, FM 96941  
 Phone: (691) 320-5731  
 E-mail: [jphillip@mail.fm](mailto:jphillip@mail.fm)

**Northern Marianas**

Ms. Diana R. Greenough  
 Coordinator, Natural Resources  
 Management Program  
 Northern Marianas College  
 Post Office Box 501250  
 Saipan, MP 96950  
 Phone: (670) 234-5498 ext.1202  
 E-mail: [DianaG@nmcnet.edu](mailto:DianaG@nmcnet.edu)

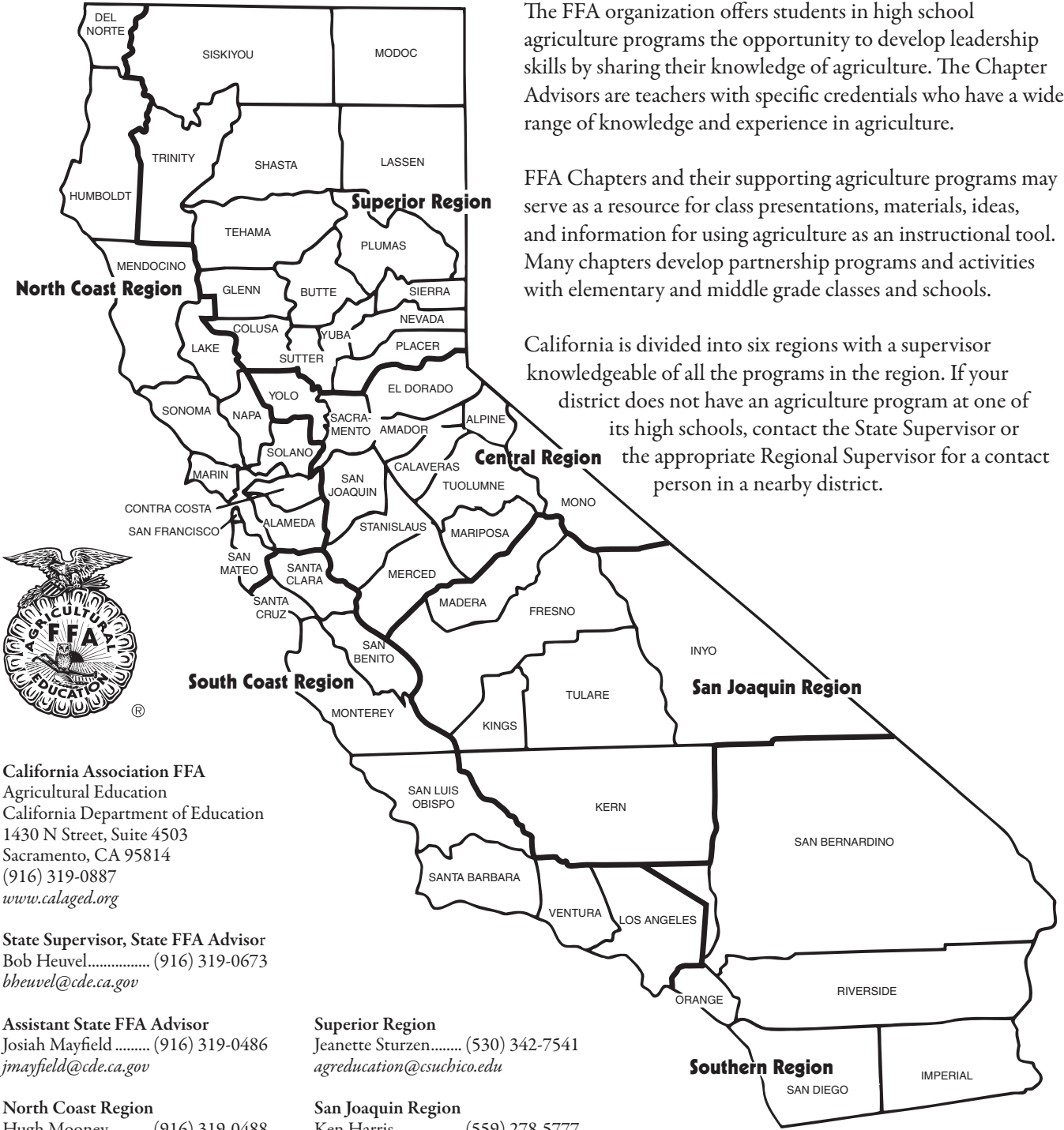
**Puerto Rico**

Ms. Priscilla Hernandez  
 Post Office Box 9029  
 Mayaguez, PR 00681  
 Phone: (787) 834-3165  
 E-mail: [p\\_hernandez@rumac.upr.clu.edu](mailto:p_hernandez@rumac.upr.clu.edu)

**Virgin Islands**

Rev. Eddie Williams  
 Virgin Islands FFA  
 C/OP Box 331 Kingshill  
 St. Croix, VI 00851  
 Phone: (340) 778-2274  
 E-mail: [eddiejedc@yahoo.com](mailto:eddiejedc@yahoo.com)

# California Association Future Farmers of America



California Association FFA  
Agricultural Education  
California Department of Education  
1430 N Street, Suite 4503  
Sacramento, CA 95814  
(916) 319-0887  
[www.calaged.org](http://www.calaged.org)

State Supervisor, State FFA Advisor  
Bob Heuvel..... (916) 319-0673  
[bheuvel@cde.ca.gov](mailto:bheuvel@cde.ca.gov)

Assistant State FFA Advisor  
Josiah Mayfield..... (916) 319-0486  
[jmayfield@cde.ca.gov](mailto:jmayfield@cde.ca.gov)

North Coast Region  
Hugh Mooney..... (916) 319-0488  
[hmooney@cde.ca.gov](mailto:hmooney@cde.ca.gov)

Central Region  
Jean Landeen..... (916) 319-0494  
[jlandeen@cde.ca.gov](mailto:jlandeen@cde.ca.gov)

Superior Region  
Jeanette Sturzen..... (530) 342-7541  
[agreducation@csuchico.edu](mailto:agreducation@csuchico.edu)

San Joaquin Region  
Ken Harris..... (559) 278-5777  
[kharris@csufresno.edu](mailto:kharris@csufresno.edu)

South Coast Region  
Greg Beard..... (805) 756-2402  
[gbeard@calpoly.edu](mailto:gbeard@calpoly.edu)

Southern Region  
Jack Havens..... (909) 869-4496  
[jhavens@supomona.edu](mailto:jhavens@supomona.edu)

The FFA organization offers students in high school agriculture programs the opportunity to develop leadership skills by sharing their knowledge of agriculture. The Chapter Advisors are teachers with specific credentials who have a wide range of knowledge and experience in agriculture.

FFA Chapters and their supporting agriculture programs may serve as a resource for class presentations, materials, ideas, and information for using agriculture as an instructional tool. Many chapters develop partnership programs and activities with elementary and middle grade classes and schools.

California is divided into six regions with a supervisor knowledgeable of all the programs in the region. If your district does not have an agriculture program at one of its high schools, contact the State Supervisor or the appropriate Regional Supervisor for a contact person in a nearby district.

# University of California 4-H Youth Development Program

## Information

4-H helps young people, ages 5-19, reach their fullest potential as competent, confident, leaders of character who contribute and are connected to their communities.

4-H serves youth throughout California in urban, suburban and rural communities. 4-H welcomes youth members and adult volunteers from all backgrounds.

In 4-H, youth design and participate in their own programs and activities. This unique learn-by-doing model teaches essential skills that youth will use throughout their lives, such as identifying sparks, desiring knowledge, setting goals, self-reflection, adapting to new situations, communicating, and responding to the needs of others.

4-H projects and programs are focused around the core content of citizenship, healthy living, and science, engineering, and technology.

4-H curricula are designed for experiential and inquiry-based learning to foster the natural curiosity and creativity of youth. The curricula provide youth opportunities to improve their abilities. Many curricula units are free, downloadable PDF documents, available at [www.ca4h.org/Projects/Curriculum](http://www.ca4h.org/Projects/Curriculum).

Encourage youth to participate in 4-H activities! Whether in a 4-H club, camp, or afterschool program, 4-H provides learning experiences that promote a strong sense of belonging, opportunities for community service, and leadership development.

### California State 4-H Office

University of California, Davis  
One Shields Avenue, ANR Building  
Davis, CA 95616-8575  
(530) 754-8518  
(530) 754-8541 fax  
[fourhstateofc@ucdavis.edu](mailto:fourhstateofc@ucdavis.edu)  
[www.ca4h.org](http://www.ca4h.org)



University of California  
Agriculture and Natural Resources

4-H Youth Development Program



# Field Trip Ideas

The following locations are appropriate for agricultural student field trips. Please contact the site of interest and obtain information on planning a trip with teachers or students. Fees, schedules, and maps for most locations are available upon request. Please contact California Foundation for Agriculture in the Classroom if you know of additional field trip sites for students. They may be added to this list next year.

► **Indicates new for 2011-2012**

## **AGRIsapes at Cal Poly Pomona University**

AGRIsapes is a 40-acre education and demonstration center promoting agricultural and environmental literacy to encourage responsible stewardship of our natural resources. The Visitor Center exhibits describe our reliance on plants throughout history, portray the challenges we face in feeding a hungry world, and feature a Recycling Education Center. Twenty acres are devoted to theme gardens, landscapes, agricultural research projects, and demonstrations. School field trips can be scheduled for the pumpkin patch in the fall and the strawberry patch in the spring.

AGRIsapes  
4102 South University Drive  
Pomona, CA 91768  
Phone: (909) 869-6722  
Fax: (909) 869-4454  
E-mail: [agriscapes@csupomona.edu](mailto:agriscapes@csupomona.edu)  
Website: [www.csupomona.edu/~agriscapes](http://www.csupomona.edu/~agriscapes)

## **AgVentures! Learning Center & Museum**

AgVentures! offers customized field trips for students of any age, and is open five days a week for public visitors. Tour the Antique Farm Equipment Museum to learn how agriculture shaped the face of California. New hands-on exhibits await visitors in the AgVentures! Learning Center. Use all five senses to experience the farm, from a virtual TracTour to a real-life MooMachine. School tours include the Food Lab station and an interactive theater experience. A lush outdoor arbor is perfect for picnic lunches. Call to reserve a tour.

AgVentures! Learning Center  
4500 South Laspina Street  
Tulare, CA 93274  
Phone: (559) 688-1030  
Fax: (559) 688-5527  
E-mail: [katy@farmshow.org](mailto:katy@farmshow.org)  
Website: [www.heritagecomplex.com](http://www.heritagecomplex.com)

## **Amy's Farm Tours**

Through a hands-on guided tour, learn about growing fruits and vegetables and different kinds of livestock. Learn about the "Story of Milk" by observing dairy cows and feeding a bottle to a calf. Feed pigs and pet horses, goats, and sheep.

Amy's Farm Tours  
7698 Eucalyptus Avenue  
Ontario, CA 91762  
Phone: (909) 393-2936  
Website: [amysfarm.com](http://amysfarm.com)

## **Ardenwood Historic Farm**

A visit to Ardenwood is a journey back to the time of the Patterson Ranch—a prosperous, 19th-century country estate including a mansion, gardens, and historic farm. Educational programs offer participants hands-on experiences that would have been common on this turn-of-the-century farm. Educational programs require reservations.

Ardenwood Historic Farm  
34600 Ardenwood Boulevard  
Fremont, CA 94555  
Phone: (510) 544-2797  
Fax: (510) 796-0231  
Website: [www.ebparks.org/parks/ardenwood](http://www.ebparks.org/parks/ardenwood)

## **California Citrus State Historic Park**

This California State Historic Park greets visitors with an old-fashioned fruit stand. Set on 377 acres, this historic orange grove shares with visitors the history of the citrus industry and the story of citrus and its travels from around the world to Southern California. Self and guided school and public tours are available. Reservations should be made at least two weeks in advance. Limit 60 students per tour.

California Citrus State Historic Park  
1879 Jackson Street  
Riverside, CA 92504  
Phone: (951) 780-6222  
Fax: (951) 780-6073  
E-mail: [californiacitrusshp@parks.ca.gov](mailto:californiacitrusshp@parks.ca.gov)  
Website: [www.parks.ca.gov](http://www.parks.ca.gov)

## The Center for Land-Based Learning

The Center for Land-Based Learning implements two programs: the FARMS Leadership Program (statewide) and the SLEWS Program (Northstate, Sacramento Valley, Napa, and San Joaquin). Both are hands-on, experiential learning programs that take students out of the classroom and onto farms, ranches, wildlife areas, and post-secondary institutions to teach them about sustainable agriculture, conservation, and the environment. The headquarters in Winters is also an educational farm, which can host school classes for outdoor activities and field days.

Center for Land-Based Learning  
5265 Putah Creek Road  
Winters, CA 95694  
Phone: (530) 795-9569  
Website: [www.landbasedlearning.org](http://www.landbasedlearning.org)

## ► Countryside Farms

Countryside Farms has been offering field trips for almost 20 years. Field trips emphasize agricultural education, highlighting plant and earth science. Programs involve a series of hands-on activities that feature a three-to-four station rotation, lasting 20 minutes each. Activities include a hayride tour, farm play yard, and planting/soils stations. Spring and summer feature strawberries, cherries, and vegetables; fall features pumpkins and tortilla corn.

Countryside Farms  
6666 East Main Street  
Stockton, CA 95215  
Phone: (209) 943-1632  
Fax: (209) 943-1636  
E-mail: [cntryfrm@aol.com](mailto:cntryfrm@aol.com)  
Website: [www.countryside-farms.com](http://www.countryside-farms.com)

## County Fairs

County fairs have a unique history. Most originated through an interest of local people to gather together to share their wares and showcase unique talents and skills. County fairs offer an in-depth look at regional agriculture and farm animals. The tradition continues throughout the nation. Many county fairs have educational programs and student contests and can be great field trips for youth. For information about fairs in your area, visit the website.

Western Fairs Association  
1776 Tribute Road, Suite 210  
Sacramento, CA 95815-4495  
Website: [www.WesternFairs.org](http://www.WesternFairs.org)

## Elkus Ranch

The Richard J. Elkus Ranch is a working ranch located on the central California coast in San Mateo County. Environmental education programs provide hands-on experiences with both plants and animals as students explore the connections between agriculture and their daily lives. Elkus Ranch is not open to the public. Reservations for school/youth group programs (PreK-12) are required.

Richard J. Elkus Ranch  
1500 Purisima Creek Road (physical)  
UCCE/Elkus Ranch, 80 Stone Pine Road #100 (mailing)  
Half Moon Bay, CA 94019  
Phone: (650) 712-3151  
Fax: (650) 712-3153  
E-mail: [elkusranch@ucdavis.edu](mailto:elkusranch@ucdavis.edu)  
Website: [cesanmateo.ucdavis.edu](http://cesanmateo.ucdavis.edu)

## Emma Prusch Farm Park

Near the Interstate 680/280/101 junction, this park offers visitors opportunities to learn about San Jose's agricultural past. This park's 47 acres has San Jose's largest barn, more than 100 community garden plots, acres of open grass perfect for picnics or kite flying, a rare fruit orchard, and close encounters with farm animals. Prusch Park offers educational classes year round, farm tours during the spring and fall, and a ten week summer camp program from June to August.

Emma Prusch Farm Park  
647 South King Road  
San Jose, CA 95116  
Phone: (408) 794-6262  
Website: [www.pruschfarmpark.org](http://www.pruschfarmpark.org)

## Exeter Agriculture Tours

The Exeter Chamber of Commerce provides self-guided mural tours reflecting the area's rich history in California agriculture. The tour includes a map with general and technical information about the 28 murals and the many commodities grown in the region. Exeter is located in California's agricultural heartland. Groups of 10 or more may request a tour.

Exeter Chamber of Commerce  
101 West Pine Street  
Exeter, CA 93221  
Phone: (559) 592-2919  
Fax: (559) 592-3720  
E-mail: [chamber@exeterchamber.com](mailto:chamber@exeterchamber.com)  
Website: [exeterchamber.com](http://exeterchamber.com)

## **Fairview Gardens and the Center for Urban Agriculture Farm-to-School Programs**

The Center for Urban Agriculture at Fairview Gardens is an urban organic farm that provides the local community with fresh fruits and vegetables. Its mission is to teach the community about the connections between food, land, and well-being, while demonstrating the rewards of small farms. Farm-to-School programs interpret the science of farming in an age and grade appropriate way—hands-on and fun.

Fairview Gardens and the Center for Urban Agriculture  
598 North Fairview Avenue  
Goleta, CA 93117  
Phone: (805) 967-7369  
Fax: (805) 967-0188  
E-mail: [info@fairviewgardens.org](mailto:info@fairviewgardens.org)  
Website: [www.fairviewgardens.org](http://www.fairviewgardens.org)

## **The Farm**

The Farm includes a demonstration market garden, a produce stand, a picnic and rest area, live animals, and an agricultural art exhibit. Custom farm tours provide an on-site, hands-on experience that shows the farming practices of the Salinas Valley.

The Farm  
Hwy 68 at the Spreckels Boulevard Exit  
Post Office Box 247  
Salinas, CA 93902  
Phone: (831) 455-2575  
Fax: (831) 424-7812  
Website: [www.thefarm-salinasvalley.com](http://www.thefarm-salinasvalley.com)

## **Farm Trails**

Throughout the year, many areas of the state offer opportunities for students and the public to learn about the diversity and abundance of California agriculture. The following websites offer information on regional locations and events that encourage Californians to experience the bountiful harvest firsthand.

Apple Hill Growers Association  
[www.applehill.com](http://www.applehill.com)  
See website for specific ranches who host farm trails

California Agri-Tourism Database  
[calagtour.org](http://calagtour.org)

El Dorado County Farm Trails  
[www.edc-farmtrails.org](http://www.edc-farmtrails.org)

El Dorado County Christmas Tree Growers  
[www.chooseandcut.com](http://www.chooseandcut.com)

Harvest Time in Brentwood  
[www.harvest4you.com](http://www.harvest4you.com)

Lake County Farmers' Finest  
[www.lakecountyfarmersfinest.org](http://www.lakecountyfarmersfinest.org)

Mendocino County Promotional Alliance  
[www.gomendo.com](http://www.gomendo.com)

Napa Yolano Harvest Trails  
[www.napayolanoharvesttrails.org](http://www.napayolanoharvesttrails.org)

Oak Glen Apple Growers Association  
[www.oakglen.net](http://www.oakglen.net)

Sonoma County Farm Trails  
[www.farmtrails.org](http://www.farmtrails.org)

## **The Flower Fields®**

The Flower Fields in Carlsbad provide in-classroom presentations to schools with follow-up field trips to the growing fields. In the classroom, children will view a slide show about growing Ranunculus flowers and will plant their own bulb. In the spring, children will receive a guided tour of the fields, learn about vermicomposting, create an art project, and take a tractor-driven wagon ride.

The Flower Fields at Carlsbad Ranch  
Attn: Joni Miringoff  
5600 Avienda Encinas, Suite 100  
Carlsbad, CA 92008  
Phone: (760) 930-9123 ext. 118  
Fax: (760) 431-9020  
E-mail: [joni@carltas.com](mailto:joni@carltas.com)  
Website: [www.theflowerfields.com](http://www.theflowerfields.com)

## **Fog Willow Science Farm**

Learn, create, and enjoy science through fun, interactive, and imaginative activities. The tour is 90 minutes and is comprised of a short, general assembly and hands-on activities. Only open certain months of the year.

Fog Willow Science Farm  
11011 Cecatra Drive  
Wilton, CA 95693  
Phone: (916) 687-4547  
E-mail: [fogwillowfarms@frontiernet.net](mailto:fogwillowfarms@frontiernet.net)  
Website: [www.fogwillow.com](http://www.fogwillow.com)

### Forestry Center

The Forest Foundation schedules school group tours (grades 3-6) of the "forest ecosystem" at Cal Expo in Sacramento. The tours include tree identification, forest management, forest products, and environmental education experiences. Guided tours are available two times per year by reservation.

The Forest Foundation  
853 Lincoln Way, Suite 104  
Auburn, CA 95603  
Phone: (530) 823-2363  
Toll free: (866) 241-8733  
Fax: (530) 823-1850  
E-mail: [se@calforestfoundation.org](mailto:se@calforestfoundation.org)  
Website: [www.calforestfoundation.org](http://www.calforestfoundation.org)

### Garden Classroom Field Trips

Located in Santa Cruz, Life Lab Science Program offers a variety of field trip and camp opportunities for children, using the outdoor setting as the classroom. Topics include garden-based science, nutrition, and farm systems education.

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

### The Gardens at Heather Farm

This non-profit, environmental education center is dedicated to promoting an understanding and appreciation of California horticulture and ecology. The on-site Natural Science Classroom (NSC) offers a wide variety of science and environmental education programs for students of all ages and abilities. Each program includes an interactive presentation, hands-on activities, and teacher resource materials. Programs are designed to support classroom curriculum and align with the current California Science and Social Science Content Standards.

The Gardens at Heather Farm  
1540 Marchbanks Drive  
Walnut Creek, CA 94598  
Phone: (925) 947-6712  
Fax: (925) 947-1726  
E-mail: [education@gardenshf.org](mailto:education@gardenshf.org)  
Website: [www.gardenshf.org](http://www.gardenshf.org)

### Gilroy Gardens Family Theme Park

Set among 600 acres, Gilroy Gardens offers four interactive, self-guided tours, educational learning sheds, volunteer garden guides, plus over 40 family rides and attractions. Educational topics include agriculture, gardening, history, culture, water, and the environment. Don't forget the unique collection of Circus Trees. The park is open during select months only.

Gilroy Gardens Family Theme Park  
3050 Hecker Pass Highway  
Gilroy, CA 95020  
Phone: (408) 840-7100  
Fax: (408) 846-6474  
E-mail: [info@gilroygardens.org](mailto:info@gilroygardens.org)  
Website: [www.gilroygardens.org](http://www.gilroygardens.org)

### Haag Farm

Go nuts with the Haag Family Farm each summer or fall. Learn about technology used in modern walnut orchards, including hedgerowing, chipping of prunings, chemigation, drip irrigation, and biological controls. Walnut gleaning programs are also available. No charge for school children. One week advance notice required.

Haag Farm Walnuts  
16200 County Road 87  
Esparto, CA 95627  
Phone: (530) 787-3603  
Fax: (530) 787-3603  
E-mail: [haag@cal.net](mailto:haag@cal.net)  
Website: [www.walnuts.us](http://www.walnuts.us)  
Website: [www.WalnutsWalnuts.com](http://www.WalnutsWalnuts.com)

### The Hamburger Farm

A visit to The Hamburger Farm includes a ride on the Bishop's Pumpkin Farm railroad to and from The Hamburger Farm site, a guided tour of a farm that grows crops needed for a hamburger, hands-on activities, self-guided tour of Weeland petting zoo, play time in all play areas (including Coyote Mountain Mine), nutritious and delicious hamburger picnic, and classroom materials for follow-up lessons. Minimum group size is 15.

The Hamburger Farm  
1415 Pumpkin Lane  
Wheatland, CA 95692  
Phone: (530) 633-4392  
Fax: (530) 633-9538  
E-mail: [bishopspumpkinfarm@att.net](mailto:bishopspumpkinfarm@att.net)  
Website: [www.bishopspumpkinfarm.com](http://www.bishopspumpkinfarm.com)

### Heidrick Ag History Center

This 130,000 square-foot museum offers grade-appropriate docent-led tours covering agriculture history and commercial trucking from the late 1800s. Two week notice required.

Heidrick Ag History Center  
1962 Hays Lane  
Woodland, CA 95776  
Phone: (530) 666-9700  
Fax: (530) 666-9712  
E-mail: [lindseyl@aghistory.org](mailto:lindseyl@aghistory.org)  
Website: [aghistory.org](http://aghistory.org)



### **Hidden Villa Farm**

For over 50 years, Hidden Villa has been a natural oasis for people to discover their connections to the earth and each other. Given to the people of the San Francisco Bay Area by Josephine and Frank Duveneck and their children, this special 1,600 acre farm and wilderness preserve in Los Altos Hills is the site for unique programs teaching environmental and multicultural awareness. For many visitors, particularly those from urban areas, Hidden Villa provides an opportunity to walk in the woods, come face to face with a large farm animal and see where milk and eggs come from. Hidden Villa offers school-year programs for elementary school children, a multi-cultural summer camp for kids second grade through high school, and community programs for all ages.

Hidden Villa Farms  
26870 Moody Road  
Los Altos Hills, CA 94022  
Phone: (650) 949-8650  
Fax: (650) 948-4159  
E-mail: [info@hiddenvilla.org](mailto:info@hiddenvilla.org)  
Website: [www.hiddenvilla.org](http://www.hiddenvilla.org)

### **Hilmar Cheese Company Visitor Center**

Students see a multimedia presentation, experience hands-on interactive learning centers using all senses, and watch employees package the “big cheese,” a 640 lb. crate of cheese. Standards-correlated activities are offered: Students in grades K-3 make and eat their own ice cream. Fourth grade and older students form teams to make cheese using the scientific method. Paid student tours include a standards-based student booklet, ice cream, and souvenir.

Hilmar Cheese Company Visitor Center  
9001 North Lander Avenue  
Hilmar, CA 95324  
Phone: (209) 656-1196  
Toll free: (800) 577-5772  
Fax: (209) 656-1116  
E-mail: [dskidmore@hilmarcheese.com](mailto:dskidmore@hilmarcheese.com)  
Website: [www.hilmarcheese.com](http://www.hilmarcheese.com)

### **Huntington Botanical Gardens**

Henry Huntington began developing the Botanical Gardens in 1903. Now they span nearly 150 acres with sweeping lawns and vistas interspersed with statuary, tempiettos, and benches. Approximately 15,000 kinds of plants from all over the world make up the botanical collections, many landscaped into a series of theme gardens. Landscapes include the Japanese, desert, rose, camellia, palm, subtropical, jungle, lily ponds, herb, and Australian gardens. Specialized displays include the North Vista, the Zen and Bonsai courts, the Children’s Garden, the Conservatory for Botanical Sciences, and many more. Free school tours are available.

The Huntington Library, Art Collections, and Botanical Gardens  
1151 Oxford Road  
San Marino, CA 91108  
Phone: (626) 405-2100  
Website: [www.huntington.org](http://www.huntington.org)

### **Hurst Ranch**

Experience what farm life was like in the 1900s in West Covina. Field trips, exhibits, and interactive activities—such as butter churning and vegetable picking—are available for groups of all ages.

Hurst Ranch  
1227 South Orange Avenue  
West Covina, CA 91790  
Phone: (626) 813-0116  
Fax: (626) 339-3182  
E-mail: [info@hurstranch.com](mailto:info@hurstranch.com)  
Website: [www.hurstranch.com](http://www.hurstranch.com)

### **Luther Burbank Home & Gardens**

Visit the home, greenhouse, and gardens where famed horticulturist Luther Burbank experimented with plants for most of his 50-year career. On-site school and public programs are available. A third grade curriculum, developed by Luther Burbank Home & Gardens and Sonoma County Office of Education, is available for \$10 plus \$5 s/h.

Luther Burbank Home & Gardens  
c/o City Hall  
100 Santa Rosa Ave, Rm 10  
Santa Rosa, CA 95404  
Phone: (707) 524-5445  
Fax: (707) 524-5827  
E-mail: [burbankhome@lutherburbank.org](mailto:burbankhome@lutherburbank.org)  
Website: [www.lutherburbank.org](http://www.lutherburbank.org)

### **Micke Grove County Park**

This park includes the San Joaquin County Historical Museum, a large park area, Japanese garden, and a zoo. The museum reflects the rich agriculture history of the San Joaquin Valley.

Micke Grove County Park  
11793 North Micke Grove Road  
Lodi, CA 95240  
Phone: (209) 953-8800  
Fax: (209) 331-2012  
Website: [www.mgzoo.com](http://www.mgzoo.com)  
Website: (209) 953-3460

### National Steinbeck Center

The mission of the National Steinbeck Center is to tell the story of John Steinbeck's rich legacy and to present, create, and explore stories of the human condition. In the tradition of John Steinbeck, the center draws its inspiration from the diverse people of the Salinas Valley. Through a variety of media, visitors can participate in educational programs, explore the John Steinbeck Exhibit Hall, and The Valley of the World Agricultural Wing. School tours about agriculture are available. Monterey County school groups are admitted free. Out-of-county school groups are admitted for \$5.00 per student. Teachers and chaperones are admitted for free.

National Steinbeck Center  
One Main Street  
Salinas, CA 93901  
Phone: (831) 775-4726  
Fax: (831) 796-3828  
Website: [www.steinbeck.org](http://www.steinbeck.org)

### Occidental Arts and Ecology Center

Occidental Arts and Ecology Center offers a variety of one-day and weekend courses for adults. From school garden teacher trainings to biodiversity and cooking courses, participants enjoy unique research, education, and action programs in a beautiful setting. A catalog is available via e-mail. Limited school tours are available.

Occidental Arts and Ecology Center  
15290 Coleman Valley Road  
Occidental, CA 95465  
Phone: (707) 874-1557  
Fax: (707) 874-1558  
E-mail: [oaec@oaec.org](mailto:oaec@oaec.org)  
Website: [www.oaec.org](http://www.oaec.org)

### Orange County Fair's Centennial Farm

Four-acres of working farm with a wide variety of crops and animals. Guided and self-guided tours are available for preschool through sixth grade students. Reservations can be made online. Free admission and parking.

Centennial Farm  
Orange County Fair and Exposition Center  
88 Fair Drive  
Costa Mesa, CA 92626  
Phone: (714) 708-1619  
Website: [www.ocfair.com/farm](http://www.ocfair.com/farm)

### The Pumpkin Farm

This 15-acre farm teaches about farm products, such as Indian corn, squash, gourds, pumpkins, and straw. Seasonal educational programs are available in October. Activities include a farm animal zoo, corn maze, tower slide, and haunted barn. The site is open to the public.

The Pumpkin Farm  
7736 Old Auburn Road  
Citrus Heights, CA 95610  
Phone: (916) 726-1137  
Website: [pumpkinfarm.net](http://pumpkinfarm.net)

### Rancho Santa Ana Botanic Garden

The touring program provides docent-led interpretive tours to PreK-12 school children, college classes, scout and youth groups, and adult community groups such as garden clubs. Tour and program topics are aligned to the Content Standards for California Public Schools.

Rancho Santa Ana Botanic Garden  
1500 North College Avenue  
Claremont, CA 91711-3157  
Phone: (909) 625-8767 ext. 224  
Fax: (909) 626-7670  
E-mail: [registrar@rsabg.org](mailto:registrar@rsabg.org)  
Website: [www.rsabg.org](http://www.rsabg.org)

### Researching Biotechnology Solutions for Agriculture

Tours and presentations are available for youth and adults who have an interest in how biotechnology impacts agriculture. The on-site programs are customized to meet the needs of the visitors' age group and interest. Tours include visits inside the greenhouse and lab. Scientists may also be available for career days.

Monsanto Company, Calgene Campus  
1920 Fifth Street  
Davis, CA 95616  
Phone: (530) 792-2326  
E-mail: [pam.dickerson@monsanto.com](mailto:pam.dickerson@monsanto.com)  
Website: [www.monsanto.com](http://www.monsanto.com)

### Rose Hills Foundation Conservatory for Botanical Science

The Rose Hills Foundation Conservatory for Botanical Science at the Huntington Botanical Gardens contains more than 50 interactive exhibits designed to engage children and adults in a wonder-filled, scientific exploration of plants. Living plants fill a 16,000 square foot greenhouse that comprises three different habitats and a gallery devoted to experiment stations. Geared for grades four through six, the Rose Hills tour is included with admission to Huntington Botanical Gardens. Free class field trips for grades sixth through eighth are available as part of the Huntington's School Programs.

The Huntington Library, Art Collections, and Botanical Gardens  
1151 Oxford Road  
San Marino, CA 91108  
Phone: (626) 405-2100  
Website: [www.huntington.org](http://www.huntington.org)

## **Squaw Valley Herb Gardens**

### **Botanical Herb Gardens & Lavender Farm**

Tours include a guided walk collecting plant samples followed by a seated presentation about how to use them. Learn about the Acorn, Corn, and Wheat cultures of California, their use of plants for food and medicine, and the history of California agriculture. Open only by appointment. A wreath making workshop is also available.

Squaw Valley Herb Gardens  
31765 East Kings Canyon Road  
Squaw Valley, CA 93675  
Phone: (559) 332-2909  
Toll free: (800) 579-8043  
E-mail: [rosemary@squawvalleyherbgardens.com](mailto:rosemary@squawvalleyherbgardens.com)  
Website: [www.squawvalleyherbgardens.com](http://www.squawvalleyherbgardens.com)

## **Tanaka Farms**

Tanaka Farms is owned and operated by Glenn and Shirley Tanaka and their son Kenny. Farmer Glenn, a third generation Japanese-American, grew up learning farming from both his father and grandfather. His grandfather founded Tanaka Farms in 1941. Tanaka Farms moved into the Irvine area in the 1970s, and it has been in its current 30-acre location since 1998. The farm has expanded from growing produce; it now also focuses on educating the public on the benefits of locally grown products and the importance of healthy eating. Tanaka Farms follows organic farming practices and strives to provide fresh quality, locally grown produce to the community. Tanaka has various seasonal tours.

Tanaka Farms  
5380 ¾ University Drive  
Irvine, CA 92612  
Phone: (714) 968-6588  
E-mail: [TanakaFarms@aol.com](mailto:TanakaFarms@aol.com)  
Website: [www.tanakafarms.com](http://www.tanakafarms.com)

## **Turtle Bay Exploration Park**

Turtle Bay Exploration Park provides a pleasing learning environment to see, hear, and touch the many aspects of agriculture within California's North State region. This museum and park complex has a summer butterfly house and live animals, and is connected to miles of walking trails and the McConnell Arboretum & Gardens. This collection of indoor and outdoor learning attractions focuses on the Sacramento River watershed, its natural inhabitants, and human history. A variety of programs are available.

Turtle Bay Exploration Park  
840 Sundial Bridge Drive  
Redding, CA 96001  
Toll free: (800) TURTLEBAY  
E-mail: [info@turtlebay.org](mailto:info@turtlebay.org)  
Website: [www.turtlebay.org](http://www.turtlebay.org)

## **UC Davis Arboretum Outdoor Education Program**

The 100-acre Davis Arboretum is a living museum with collections of exotic and native trees, shrubs, and flowering plants, which are cultivated for scientific and educational purposes. Programs include guided weekend tours, environmental education programs, weekend family programs, field trips, and gardening workshops. Brochures describe self-guided tours, and interpretive signs and plant labels are available. A newsletter is published quarterly, and other publications are published periodically.

UC Davis Arboretum  
University of California  
1 Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-4880  
Fax: (530) 752-5796  
E-mail: [arboretum@ucdavis.edu](mailto:arboretum@ucdavis.edu)  
Website: [arboretum.ucdavis.edu](http://arboretum.ucdavis.edu)

## **The UC Davis Children's Garden Program and Ecological Garden**

The Children's Garden Program, located at the UC Davis Student Farm, offers spring field trips for school children. The focus is on sustainable agriculture and encourages hands-on participation by all students. The Children's Garden Program also offers workshops to teachers, parents, and volunteers to enhance elementary school garden projects and integrate them into the curriculum.

The UC Davis Children's Garden Program  
University of California, Davis  
One Shields Avenue c/o Plant Sciences  
Davis, CA 95616  
Phone: (530) 752-7033  
Fax: (530) 754-7885  
E-mail: [jchillhouse@ucdavis.edu](mailto:jchillhouse@ucdavis.edu)  
Website: [www.asi.ucdavis.edu](http://www.asi.ucdavis.edu)

### UC Hansen Agricultural Center at the Faulkner Farm/ UC Cooperative Extension

The UC Hansen Agricultural Center (HAC) at the Faulkner Farm and UC Cooperative Extension in Ventura County provide food systems education and promote agricultural literacy through school-based and after-school programs, extenders (such as teachers, volunteers, etc.) and the community. Among the program offerings are 4-H Farm Field Trips, which provide a half-day, hands-on, and standards-aligned educational experience for various age groups (kindergarten, third grade and special education). UC HAC/UC Cooperative Extension also provide a garden-educator workshop series, a garden-based learning library, demonstration gardens for school and home gardeners, and a Master Gardener demonstration garden. The UC Hansen Agricultural Center is open to the public one Saturday morning a month, when workshops and farm/garden tours are offered. The historic landmark, Faulkner Farm, is open for limited viewing by the public several Saturdays each year. All of the programs are free or carry a nominal charge. The CE/HAC staff also provide an exciting agriculture and natural resource journalism program that enables middle and high-school students to research, write, and publish newspaper inserts for other students. The program also features a photography strand incorporating the Junior Master Gardener program.

University of California Cooperative Extension  
669 County Square Drive #100  
Ventura, CA 93003  
Phone: (805) 645-1466  
Website: [www.ceventura.ucdavis.edu](http://www.ceventura.ucdavis.edu)  
Website: [www.groups.ucanr.org/victorygrower](http://www.groups.ucanr.org/victorygrower)

### University of California Botanical Garden

The University of California Botanical Garden is located in Strawberry Canyon above the Berkeley campus, overlooking the San Francisco Bay. The Garden's 34 acres contain over 13,000 species and varieties of plants from all over the world. Arranged by region of origin, the garden has outstanding collections of cacti, rhododendrons, Chinese medicinal herbs, Western herbs, and California natives. The sloping site offers excellent views of San Francisco Bay. Docent-lead tours are available throughout the year for children and adult groups.

University of California Botanical Garden  
200 Centennial Drive  
Berkeley, CA 94720  
Phone: (510) 643-2755  
Fax: (510) 642-5045  
E-mail: [garden@berkeley.edu](mailto:garden@berkeley.edu)  
Website: [botanicalgarden.berkeley.edu](http://botanicalgarden.berkeley.edu)

### University of California Desert Research and Extension Center

The UC Desert Research and Extension Center presents the FARM SMART Program. The mission of the program is to nurture an awareness of natural and renewable resources including agriculture so they can be conserved, managed, and available for future generations. Each program includes hands-on activities followed by produce harvesting and farm tours on hay wagons. Activities are aligned to the California State Standards of Instruction. Seasonal programs include: "Alfalfa is Ice Cream in the Making" (Dairy Program), "Corn Festival," "My Agrilicious Pyramid," and "Insects... the Good, the Bad, and the Ugly."

University of California Desert Research and Extension  
Center  
Attn: Nancy Caywood Robertson  
1004 East Holton Road  
El Centro, CA 92243  
Phone: (760) 356-3067 or (520) 560-1119  
E-mail: [nlwade@ucdavis.edu](mailto:nlwade@ucdavis.edu)  
Website: [desertrec.ucdavis.edu](http://desertrec.ucdavis.edu)

### Yolo Basin Foundation

The Yolo Basin Foundation works in partnership with the Department of Fish and Game to provide educational opportunities for the public and school groups. Learn about the importance of wetland ecosystems through the demonstration Wetlands and hands-on activities, and take a guided tour of the Yolo Bypass Wildlife Area.

Yolo Basin Foundation  
Post Office Box 943  
Davis, CA 95617  
Phone: (530) 758-1018  
E-mail: [aburris@yolobasin.org](mailto:aburris@yolobasin.org)  
Website: [www.yolobasin.org](http://www.yolobasin.org)

Please contact California Foundation for Agriculture in the Classroom if you know of additional field trip sites for students. They may be added to this list next year.

# Section 4

## Agriculture–Related Books and Websites



California Foundation for  
Agriculture in the Classroom

This section is designed to help educators locate high-quality resources about agriculture. The books and websites were reviewed by CFAITC's Resource Review Committee and are considered suitable for classroom use.



# Agriculture–Related Books

## An Annotated Book List

### Primary Grades PreK–3

#### ► Indicates new for 2011-2012

Adamson, Heather. *A Day in the Life of a Farmer*. Capstone Press, 2003. Spend a day with Farmer Dave in his Midwest farm as he feeds animals, drives a tractor, and brings in the harvest. ISBN 978-0-7368-2283-1

Adler, Karen. *The Story of Raisins*. Karen Adler Books, 2005. This nonfiction story tells how raisins were discovered and how they are grown. ISBN 978-0-9679772-3-2

Aliki. *Corn is Maize*. HarperCollins Children's Books, 1986. The story of how ancient Indian farmers discover a wild grass plant, use it in their lives, and eventually share it with the new settlers of America. ISBN 978-0-06-445026-3

Aliki. *Milk: From Cow to Carton*. HarperTrophy, 1992. Learn how milk travels from cow to farmer to container. ISBN 978-0-06-445111-6

Allen, Judy and Tudor Humphries. *Are You a Ladybug?* Kingfisher, 2000. This book introduces preschoolers to the world of the ladybug and how it undergoes metamorphosis. ISBN 978-0-7534-5603-3

► Anderson, Susan and JoAnne Buggey. *Pigs: An A to Z Book*. Northwest Arm Press, 2009. This colorful book uses farm photographs to help students learn about pigs and pork, while they practice their ABCs. ISBN 978-1-926781-00-6

► Anderson, Susan and JoAnne Buggey. *Soybeans: An A to Z Book*. Northwest Arm Press, 2008. This colorful book uses soybeans to help students learn where their food comes from, while they practice their ABCs. ISBN 978-0-9811335-1-5

Anthony, Joseph. *The Dandelion Seed*. Dawn Publications, 1997. A dandelion's journey is filled with challenge, wonder, and beauty. Follow the life cycle of this small and resilient seed. ISBN 978-1-883220-67-9

Anthony, Joseph. *In a Nutshell*. Dawn Publications, 1999. This book offers a look into the ecological cycle of an acorn tree and its impact on mankind. ISBN 978-1-883220-98-3

► Anton, William. *Corn: From Farm to Table*. Newbridge Educational Publishing, 2007. This basic book teaches you about corn from planting to the uses of corn. ISBN 978-1-56784-468-9

Appelt, Kathi. *Watermelon Day*. Henry Holt and Company, 1996. A young girl watches a watermelon's growth all summer, waiting for it to ripen. ISBN 978-0-8050-2304-6

► April, Elyse. *We Like to Eat Well*. Hohm Press, 2007. A book that shares why what we eat is important for good health. ISBN 978-1-890772-96-3

► April, Elyse. *We Like to Eat Well/Nos Gusta Comer Bien*. Hohm Press, 2009. A bilingual book that shares why what we eat is important for good health. ISBN 978-1-890772-96-3

► Arnold, Marsha Diane. *Prancing, Dancing Lily*. Dial Books for Young Readers, 2004. This whimsical picture book stars an Ayrshire dairy cow who will soon inherit the position of "Bell Cow," the leader of the herd. ISBN 978-0-8037-2823-3

► Ayres, Katherine. *Up, Down, and Around*. Candlewick Press, 2007. When two children help plant a garden, they learn that peppers grow up, potatoes grow down, and pumpkin vines twine around and around. ISBN 978-0-7636-4017-0

Azarian, Mary. *A Farmer's Alphabet*. David R. Godine, 2004. A noteworthy picture book depicting an older, agrarian way of life. ISBN 978-0-87923-397-6

Azarian, Mary. *A Gardener's Alphabet*. Houghton Mifflin Company, 2005. Using her unique artwork, Azarian shares with the viewer her love of gardens, both vegetable and flower. ISBN 978-0-618-54881-1

Baldwin, Robert F. *This is the Sea that Feeds Us*. Dawn Publications, 1998. This book explores the oceans' food chain that reaches all the way to whales and human beings in an intricate web. ISBN 978-1-883220-70-9

Barner, Bob. *Bugs! Bugs! Bugs!* Chronicle Books, 1999. The simple text with vibrant colors provides young readers a positive spin to the bugs they see around their garden and home. ISBN 978-0-8118-2238-1

Barracough, Sue. *Animals on the Farm*. Raintree, 2006. Learn the sights and sounds of typical farm animals by reading this simple text accompanied by colorful photographs. ISBN 978-1-4109-1904-5

Basel, Roberta. *From Cane to Sugar*. Capstone Press, 2006. Through colorful photographs and text learn how sugarcane is grown and processed into the sugar we eat. ISBN 978-0-7368-4283-9

Basel, Roberta. *From Corn to Cereal*. Capstone Press, 2006. Follow the journey of cereal from corn to the table. ISBN 978-0-7368-4284-6

## Primary (Grades PreK-3)

Basel, Roberta. *From Milk to Cheese*. Capstone Press, 2006. Follow the journey of cheese, from the milk of a cow to a factory for processing. ISBN 978-0-7368-4285-3

Basel, Roberta. *From Tomato to Ketchup*. Capstone Press, 2006. Learn through simple text and colorful photographs how tomatoes are processed into a favorite condiment. ISBN 978-0-7368-4286-0

Bass, Jules. *Herb, the Vegetarian Dragon*. Barefoot Books, 2005. In this light-hearted book, readers see that people with various eating preferences can learn to co-exist in the same community. ISBN 978-1-902283-36-4

Bateman, Theresa. *Farm Flu*. Albert Whitman & Company, 2001. All the farm animals have the flu and mom is out of town, so one smart son takes care of them all. ISBN 978-0-8075-2275-2

Batten, Mary. *Aliens from Earth*. Peachtree Publishers, Ltd., 2003. An intriguing introduction to the serious and ongoing environmental problems caused by invasive plant and animal species and ideas on what young readers can do to minimize their own impact on the environment. ISBN 978-1-56145-450-1

Bauer, David. *Mi Manzano/My Apple Tree*. Yellow Umbrella Books, 2006. Written in both English and Spanish, this collection of simple text and photos presents the life cycle of an apple tree. ISBN 978-0-7368-6010-9

Beadle, David. *The Day the Trash Came Out to Play*. Ezra's Earth Publishing, 2004. This book uses imagination to share the message about recycling and preventing litter. ISBN 978-0-9727855-0-1

Bently, Dawn. *Buzz-Buzz, Busy Bees*. Simon & Schuster, 2004. This touch-and-feel book shows a bee buzzing around visiting his farm animals. ISBN 978-1-4169-0503-5

► Berger, Melvin. *An Apple a Day*. Newbridge Educational Publishing, 2007. Through this early science reader, learn about how apples grow, get processed, and are stored. ISBN 978-1-4007-6355-9

► Berger, Melvin. *Busy as a Bee*. Newbridge Educational Publishing, 2007. The life cycle of bees is explained in this early science reader. ISBN 978-1-4007-6590-4

► Berger, Melvin. *A Butterfly is Born*. Newbridge Educational Publishing, 2007. In this book, read about the life cycle of a butterfly. ISBN 978-1-4007-6220-0

► Berger, Melvin. *From Peanuts to Peanut Butter*. Newbridge Educational Publishing, 2007. In this book, read about the process from seed to how peanuts become peanut butter. ISBN 978-1-4007-6166-1

► Berger, Melvin. *Growing Pumpkins*. Newbridge Educational Publishing, 2007. This early science reader shows pumpkins from seed to fully grown ready to be taken home. ISBN 978-1-4007-6175-3

► Berger, Melvin. *Pasta Please*. Newbridge Educational Publishing, 2007. This basic book about pasta shows the steps to make pasta from wheat to flour and to the table. ISBN 978-1-4007-6328-3

► Berger, Melvin. *The Vegetable Garden*. Newbridge Educational Publishing, 2007. Basic book on gardening for the early science reader. ISBN 978-1-4007-6283-5

► Berger, Melvin. *You Are What You Eat*. Newbridge Educational Publishing, 2007. In this early science reader, find out the food groups the body needs and their importance to body functions. ISBN 978-1-4007-6428-0

► Blackaby, Susan. *Water Wise*. Picture Window Books, 2009. After hearing the drip, drip, drip of the bathroom faucet, Kelly decides it is up to her to teach her brother about the water cycle and how to conserve water. ISBN 978-1-4048-5260-0

Blackaby, Susan. *The World's Largest Plants: A Book About Trees*. Picture Window Books, 2003. Learn about the kinds of trees, their life cycles, and how people utilize their products. ISBN 978-1-4048-0386-2

Blaisdell, Molly. *The Grass Patch Project*. Picture Window Books, 2008. Jason's classmates agree that a grass patch project is the best idea for their school's Earth Day contest. ISBN 978-1-4048-2292-4

Bodach, Vijaya Khisty. *Flowers*. Capstone Press, 2007. Describes different types of flowers, plant parts, and some that we cook and eat. ISBN 978-0-7368-6342-1

Bodach, Vijaya Khisty. *Fruits*. Capstone Press, 2007. Describes different types of fruit, their function, and some that we eat fresh. ISBN 978-0-7368-9620-7

Bodach, Vijaya Khisty. *Leaves*. Capstone Press, 2007. Describes photosynthesis, different types of leaves, and some leaves that humans or animals eat. ISBN 978-0-7368-6344-5

Bodach, Vijaya Khisty. *Roots*. Capstone Press, 2007. Describes different types of roots, how they help the plant get food, and some that we eat. ISBN 978-0-7368-6345-2

Bodach, Vijaya Khisty. *Seeds*. Capstone Press, 2007. Describes how seeds are spread, what they need to grow into plants, and some that are good to eat. ISBN 978-0-7368-9623-8

Bodach, Vijaya Khisty. *Stems*. Capstone Press, 2007. Describes different types of stems and how they transport food for the plant from the leaves and roots to the whole plant. ISBN 978-0-7368-6347-6



Brady, Peter. *Cerdos*. Bridgestone Books, 1999. This book, with Spanish text, shows the raising and caring of swine. ISBN 978-1-56065-789-7

Brady, Peter. *Ovejas*. Bridgestone Books, 1999. This book, with Spanish text, shows the raising and caring of sheep. ISBN 978-1-56065-790-3

Brady, Peter. *Pollos*. Bridgestone Books, 1999. This book, with Spanish text, shows the raising and caring of chickens. ISBN 978-1-56065-787-3

Brady, Peter. *Vacas*. Bridgestone Books, 1999. This book, with Spanish text, shows the raising and caring of cattle. ISBN 978-1-56065-788-0

► Bregoli, Jane. *The Goat Lady*. Tilbury House Publishers, 2004. A story about a lady who raises goats and helps others in need. ISBN 978-0-88448-309-0

► Brennan, Martin. *I Saw it in the Garden*. Mitten Press, 2006. A story about the plants and creatures in a garden. ISBN 978-1-58726-296-8

Brett, Jan. *Armadillo Rodeo*. Puffin Books, 1995. Read this whimsical story about rodeos and how they are a part of our nation's culture. ISBN 978-0-14-240125-5

Brown, Margaret Wise. *Big Red Barn*. HarperCollins Publishers, 1999. Meet the horses, sheep, goats, geese, and a jaunty old scarecrow that all live in the big red barn. ISBN 978-0-590-44245-9

► Bull, Ginger Lee. *The Blossom Trail*. Xlibris Corporation, 2005. Ginger Ladybug is on an adventure through blossom trail, meets new friends, and learns how bees help plants produce fruit. ISBN 1-59926-548-6

Bullard, Lisa. *Brown Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of brown foods. ISBN 978-0-7368-5380-4

Bullard, Lisa. *Green Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of green foods. ISBN 978-0-7368-5381-1

► Bullard, Lisa. *Leaves Fall Down: Learning About Autumn Leaves*. Picture Window Books, 2011. This story explains why leaves change color in autumn. ISBN 978-1-4048-6013-1

Bullard, Lisa. *Orange Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of orange foods. ISBN 978-0-7368-5382-8

Bullard, Lisa. *Red Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of red foods. ISBN 978-0-7368-5383-5

Bullard, Lisa. *White Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of white foods. ISBN 978-0-7368-5384-2

Bunting, Eve. *Flower Garden*. Voyager Books, 2000. Helped by her father, a young girl prepares a flower garden as a birthday surprise for her mother. ISBN 978-0-15-202372-0

Bunting, Eve. *Market Day*. HarperCollins Publishing, 1996. Young children in Ireland observe farm animals and crops when they visit a country fair on market day. ISBN 978-0-06-443517-8

► Bunting, Eve. *One Green Apple*. Clarion Books, 2006. Coming from another country, the new kid in school learns at an apple farm that her language is not that different. ISBN 978-0-618-43477-0

Bunting, Eve. *Sunflower House*. Voyager Books, 1999. A young boy creates a summer playhouse by planting sunflowers and saves the seeds to make another house the next year. ISBN 978-0-15-201952-5

Burckhardt, de Ann L. *Calabazas*. Capstone Press, 1999. This book, with Spanish text, shows the growing and harvesting of pumpkins. ISBN 978-1-56065-786-6

Burckhardt, de Ann L. *Manzanas*. Bridgestone Books, 1998. This book, with Spanish text, shows the growing and harvesting of apples. ISBN 978-1-56065-785-9

Cabrera, Jane. *Old MacDonald had a Farm*. Holiday House, 2007. Old MacDonald has a farm, a horse, some sheep, and a big surprise in this sing-a-long picture book. ISBN 978-0-8234-2141-1

California School Garden Network. *Gardens for Learning*. California School Garden Network, 2006. This comprehensive guidebook provides a strong foundation to support the growing school garden movement. ISBN 978-0-9788693-0-4

► Chambers, Catherine. *Rain and Life in a Nigerian Village*. Capstone Press, 2010. A book on how a village in Nigeria uses rain to grow food. ISBN 978-1-4296-5507-1

► Chaney, Rianna and Sheridan. *Little Star... Raising Our First Calf*. Down Under Publications, 2008. The Chaney twins, living on a farm with their parents, get the responsibility of raising their first farm animal. ISBN 978-0-9818468-0-4

Cherry, Lynne. *How Groundhog's Garden Grew*. The Blue Sky Press, 2003. Little Groundhog loves to eat the fresh vegetables he finds in his neighbor's garden, until one day he makes a friend who teaches him the joy of planting a garden of his own. ISBN 978-0-439-32371-0

## Primary (Grades PreK-3)

Chrimer, Melanie. *Phoebe Clappsaddle and the Tumbleweed Gang*. Pelican Publishing Company, 2002. In Texas, Phoebe the rancher teaches the Tumbleweed Gang some manners. ISBN 978-1-56554-966-1

Christian, Eleanor and Lyzz Roth-Singer. *Let's Make Butter*. Capstone Press, 2000. This emerging reader with colorful photographs show where butter comes from and how it is made. ISBN 978-0-7368-0728-9

Church, Caroline Jayne. *Ping Pong Pig*. Holiday House, 2008. Students will squeal with laughter at this tale about working together, starring a mischievous pig who thinks he can fly. ISBN 978-0-8234-2176-3

Cipriano, Jeri. *Harvest Time*. Capstone Press, 2004. Learn how pumpkins, wheat, potatoes, and apples are harvested. ISBN 978-0-7368-2885-7

Cole, Henry. *Jack's Garden*. HarperTrophy, 1997. Shows what happens in Jack's garden after he plants seeds. ISBN 978-0-688-15283-3

Cole, Joanna and Bruce Degen. *The Magic School Bus: Inside a Beehive*. Scholastic Inc., 1998. When the Magic School Bus turns into a beehive, Ms. Frizzle's students change into honey bees. They must gain entry into a hive so they can see firsthand just how the workers, drones, and queen bee live together. ISBN 978-0-590-25721-3

Compestine, Ying Chang. *The Story of Paper*. Holiday House, 2003. Learn about the accidental creation of paper when Ting, Pan, and Kuai try to create something for their teachers to write on. ISBN 978-0-8234-1705-6

Cooney, Barbara. *Miss Rumphius*. Puffin Books, 1985. Great-aunt Rumphius was once a little girl who loved the sea, longed to visit faraway places, and wished to do something to make the world more beautiful. ISBN 978-0-14-050539-9

► Cooper, Elisha. *Farm*. Scholastic, 2010. Describes the activities throughout the year on a busy family farm. ISBN 978-0-545-07075-1

Cowley, Joy. *The Rusty, Trusty Tractor*. Boyds Mills, 2000. Tractor salesman Mr. Hill, tries to convince Micah's grandfather that his old tractor has seen better days. ISBN 978-1-56397-565-3

► Cowley, Joy. *Where Horses Run Free*. Boyds Mills Press, 2003. A story about a cowboy who finds that wild mustangs have been captured and wants to set them free. ISBN 978-1-59078-062-6

Coy, John. *Two Old Potatoes*. Alfred A. Knopf, 2003. A father and daughter plant two old potatoes they found in a cupboard and learn how this vegetable grows. ISBN 978-0-375-92180-3

Dahl, Michael. *Eggs and Legs: Counting by Twos*. Picture Window Books, 2005. Two by two, find out where the eggs have gone and learn a little more about the farm. ISBN 978-1-4048-1114-0

Davis, Aubrey. *The Enormous Potato*. Kids Can Press, 1997. See what happens when a farmer plants a potato eye. Who can pull it out of the ground? ISBN 978-1-55074-386-9

► de Las Casas, Dianne. *The Gigantic Sweet Potato*. Pelican Publishing, 2010. Join Ma Farmer in growing a sweet potato from the market to needing help picking, so she can make her sweet potato pie. ISBN 978-1-58980-755-6

► DeLaCroix, Alice. *The Best Horse Ever*. Holiday House, 2010. Abby's going to finally have her very own horse: Griffin, a beautiful bay. As Abby learns how to manage her new horse, she also learns how to maintain an old friendship. ISBN 978-0-8234-2254-8

Demi. *One Grain of Rice*. Scholastic Inc., 1997. This mathematical folktale illustrates the concept of doubling, using rice as the example. ISBN 978-0-590-93998-0

► deRubertis, Barbara. *Count on Pablo*. Kane Press, 1999. Pablo uses math while he helps pick, clean, and sell vegetables at the farmers market. ISBN 978-1-57565-090-6

DiSalvo-Ryan, DyAnne. *City Green*. HarperCollins, 1994. In the middle of a city block, Marcy converts a vacant lot into a community garden. ISBN 978-0-688-12786-2

► Dodd, Emma. *I Love Bugs!* Holiday House, 2010. Easy-to-read text celebrates the many kinds of bugs that can be found in a backyard or garden. ISBN 978-0-8234-2280-7

Doeden, Matt. *Farm Tractors*. Capstone Press, 2007. Learn how tractors pull farm machines to help farmers plant and harvest their crops. ISBN 978-0-7368-6721-4

Dorros, Arthur. *Ant Cities*. HarperTrophy, 1988. This nonfiction book with colorful illustrations describes the activities that occur in an ant colony. ISBN 978-0-06-445079-9

Driscoll, Laura. *Apples and How They Grow*. Grosset & Dunlap, 2003. Find out how an apple seed grows into an apple tree in this beginning reader. ISBN 978-0-448-43275-5

Driscoll, Laura. *George Washington Carver: The Peanut Wizard*. Grosset & Dunlap, 2003. This student-friendly book teaches children about George Washington Carver and his impact on agriculture through peanuts. ISBN 978-0-448-43243-4

Duffield, Katy. *Farmer McPeepers and His Missing Milk Cows*. Rising Moon, 2003. Farmer McPeeper cannot find his milk cows so he tours the town in a wacky adventure. ISBN 978-0-87358-825-6

► Dussling, Jennifer. *Picky Peggy*. Kane Press, 2004. Follow Peggy and her baby duck, Fluff, as they discover healthy food. ISBN 978-1-57565-138-5

Egan, Robert. *From Wheat to Pasta*. Children's Press, 1997. This colorful photo essay describes the process of how wheat becomes pasta. ISBN 978-0-516-26069-3

Ehlert, Lois. *Eating the Alphabet: Fruits and Vegetables from A to Z*. Voyager Books, 1993. An alphabetical tour of the world of fruits and vegetables from apricot and artichoke to yam and zucchini. ISBN 978-0-15-224436-1

Ehlert, Lois. *Leaf Man*. Harcourt Children's Books, 2005. Collages made from leaves illustrate the journey that the leaf man takes as he goes where the wind blows. ISBN 978-0-15-205304-8

Ehlert, Lois. *Market Day*. Harcourt, Inc., 2000. This story, told with folk art, shows what a family does at the farmers market in town square. ISBN 978-0-15-202158-0

Ehlert, Lois. *Pie in the Sky*. Harcourt, Inc., 2004. A colorful blend of poetry and unique graphics encourages children to explore how a cherry tree provides interesting habitats for birds, insects, and food for people. ISBN 978-0-15-216584-0

Ehlert, Lois. *Planting a Rainbow*. Voyager Books, 1992. A mother and child plant a rainbow of flowers in the family garden. ISBN 978-0-15-262610-5

Evangelista, Gloria. *In Search of the Perfect Pumpkin*. Fulcrum Publishing, 2001. Share the adventures of the Pucci family as they search for the perfect pumpkin only to find it in their backyard. ISBN 978-1-55591-994-8

Farmer, Jacqueline. *Apples*. Charlesbridge, 2007. This educational book features the history, uses, and anatomy of apples. Also includes recipes and nutritional information. ISBN 978-1-57091-694-6

Farmer, Jacqueline. *Bananas!* Charlesbridge, 1999. Learn how bananas grow, which animals eat bananas, how bananas make the long journey to your breakfast table, and much more. ISBN 978-0-88106-115-4

Farmer, Jacqueline. *Pumpkins*. Charlesbridge, 2004. This book introduces the pumpkin plant, including its anatomy, growth cycle, and historical importance. ISBN 978-1-57091-557-4

► Finn-Borgo, Lacy. *Big Mama's Baby*. Boyds Mills Press, 2007. A story about raising a baby cow and the trouble it can get into. ISBN 978-1-59078-187-6

► Flatt, Lizann. *Life in a Farming Community*. Crabtree Publishing, 2010. Find out what it is like to live in a farming community. ISBN 978-0-7787-5084-0

Fowler, Allan. *It Could Still Be a Worm*. Scholastic Library Publishing, 1996. Informational text about worms including colorful photographs and large print for the young reader. ISBN 978-0-516-20217-4

► Fredericks, Anthony D. *On One Flower: Butterflies, Ticks and a Few More Icks*. Dawn Publications, 2006. This vibrantly illustrated book features scientific information and rhyming text. A useful appendix includes "field notes" and contact information for insect-related organizations. ISBN 978-1-58469-087-0

► French, Vivian. *Caterpillar, Caterpillar*. Candlewick Press, 1993. A girl learns about caterpillars and butterflies as she watches her grandfather grow them on nettles in his garden. Includes CD. ISBN 978-0-7636-4002-6

► French, Vivian. *Yucky Worms*. Candlewick Press, 2009. Find out where worms live, how they move, and why gardeners consider them friends, even if they are wiggly and slimy. ISBN 978-0-7636-4446-8

Freymann, Saxton and Joost Elffers. *Fast Food*. Arthur A. Levine Books, 2006. This picture book engages students with sculpted fruits and vegetables depicting modes of transportation. ISBN 978-0-439-11019-8

Freymann, Saxton and Joost Elffers. *Food for Thought*. Arthur Levine Books, 2005. Shapes, colors, numbers, letters, and opposites are introduced using whimsical sculptures made out of fresh fruits and vegetables. ISBN 978-0-439-11018-1

Fridell, Ron and Patricia Walsh. *Life Cycle of a Pumpkin*. Heinemann Library, 2001. Learn how leaves protect pumpkins, how large they can grow, and look inside of them. ISBN 978-0-431-08460-2

► Friedrich, Elizabeth. *Leah's Pony*. Boyds Mills Press, 1996. This book is about a girl, her pony, and how she saved her family's farm. ISBN 978-1-56397-828-9

Ganeri, Anita. *From Bean to Bean Plant*. Heinemann Library, 2006. Find out how beans grow, what a bean pod is, and how insects help bean plants grow. ISBN 978-0-431-05089-8

Gardella, Tricia. *Blackberry Booties*. Scholastic Books, 2000. Mikki Jo wants to give her new baby cousin the perfect gift but doesn't know how to make anything. What she does know is how to pick blackberries. But babies don't eat blackberries, so Mikki figures out how to make the perfect gift. ISBN 978-0-531-30184-5

Gardella, Tricia. *Casey's New Hat*. Houghton Mifflin, 1997. Casey, in search of a perfect hat, accompanies Dad on a day of buying supplies and doing ranch chores. ISBN 978-0-395-72035-6

## Primary (Grades PreK-3)

Gariand, Sarah. *Eddie's Garden and How to Make Things Grow*. Frances Lincoln Children's Books, 2004. Learn how plants need soil, sun and water to make plants in Eddie's garden grow, and learn some specifics about garden pests and flowers. ISBN 978-1-84507-015-1

Geisert, Bonnie and Arthur Geisert. *Prairie Town*. Houghton Mifflin Company, 1998. Enter a prairie town and explore the social and economic life of this community from the aspects of farmers and townspeople. ISBN 978-0-395-85907-0

Gershator, David and Phillis Gershator. *Bread is for Eating*. Henry Holt, 1998. Mamita explains how bread is produced from seed to flour in a poem/song in both English and Spanish. ISBN 978-0-8050-5798-0

Gibbons, Gail. *Apples*. Holiday House, 2001. Learn about apple production in this colorful, simple-to-read book. ISBN 978-0-8234-1669-1

► Gibbons, Gail. *The Berry Book*. Holiday House, 2002. This nonfiction book introduces students to different types of berries, and explains how varieties are cultivated and harvested. Includes recipes for blackberry jam, blueberry pie, and raspberry ice cream. ISBN 978-0-8234-1697-4

Gibbons, Gail. *Chicks and Chickens*. Holiday House, 2005. This picture book describes how chickens are raised and for what purposes, as well as how chicks develop in the egg, and how they digest food. ISBN 978-0-8234-1939-5

Gibbons, Gail. *Corn*. Holiday House, 2008. This book offers information about the history of corn as well as details concerning planting, cultivating, harvesting, and its many uses. ISBN 978-0-8234-2169-5

Gibbons, Gail. *Farming*. Holiday House, 1990. An introduction to farming and the work done on a farm throughout the seasons. ISBN 978-0-8234-0797-2

Gibbons, Gail. *From Seed to Plant*. Holiday House, 1993. Learn the science of seeds and how they grow into flowers, trees, and other plants. ISBN 978-0-8234-1025-5

Gibbons, Gail. *The Honey Makers*. HarperTrophy, 2000. Learn how thousands of bees work together to make hives and honey. ISBN 978-0-688-17531-3

Gibbons, Gail. *Ice Cream: The Full Scoop*. Holiday House, 2008. Mouths will water as readers follow ice cream's journey from farm to factory to freezer. ISBN 978-0-8234-2155-8

Gibbons, Gail. *The Milk Makers*. Aladdin, 1987. Text and pictures explain how cows produce milk and how it is processed before being delivered to stores. ISBN 978-0-689-71116-9

Gibbons, Gail. *Pigs*. Holiday House, 2000. This book outlines the characteristics, habits, and uses of pigs. ISBN 978-0-8234-1554-0

Gibbons, Gail. *The Pumpkin Book*. Holiday House, 2000. The life cycle of the pumpkin is clearly depicted in this picture book. How pumpkins are used at Thanksgiving and Halloween is also discussed. ISBN 978-0-8234-1636-3

Gibbons, Gail. *The Seasons of Arnold's Apple Tree*. Globe Pequot Press, 1991. Drawings and text show a young boy's apple tree as it grows and changes throughout the year. ISBN 978-0-15-271245-7

Gibbons, Gail. *The Vegetables We Eat*. Holiday House, 2008. Enjoy a wealth of information about a variety of vegetables, from how they are planted to how they get to stores. ISBN 978-0-8234-2153-4

Giesecke, Ernestine. *Desert Plants*. Heinemann Library, 1999. Discover how prickly spines help a cactus, why some cactus have pleats, and what creature depends on the Joshua tree. ISBN 978-1-4034-0527-2

Giesecke, Ernestine. *Forest Plants*. Heinemann Library, 1999. Discover what skunk cabbage is, if ferns have seeds, and why leaves are green. ISBN 978-1-4034-0528-9

Giesecke, Ernestine. *Pond Plants*. Heinemann Library, 1999. Discover what kind of animal likes to eat cattails, what is special about the stems of lily pads, and what kind of pond plant eats little insects. ISBN 978-1-4034-0530-2

Giesecke, Ernestine. *River Plants*. Heinemann Library, 1999. Discover if mosses have roots, where birds like to build their nests by the river, and how the river helps spread the willow tree's seeds. ISBN 978-1-4034-0531-9

Giesecke, Ernestine. *Seashore Plants*. Heinemann Library, 1999. Discover what a taproot is, what kind of pea grows at the seashore, and how plants help the sand dunes. ISBN 978-1-4034-0532-6

Giesecke, Ernestine. *Wetland Plants*. Heinemann Library, 1999. Discover how many kinds of wetlands exist, why Venus flytraps eat insects and spiders, and where cranberries grow. ISBN 978-1-4034-0529-6

Gillis, Jennifer Blizen. *Farm Crops*. Compass Point Books, 2004. Explore a variety of crops. Learn how they are grown and what they are used for. ISBN 978-0-7565-0669-8

Gillis, Jennifer Blizen. *Farm Life*. Compass Point Books, 2004. This book describes the basics of farm life, which includes daily chores, hard work, and discipline. ISBN 978-0-7565-0673-5

Gillis, Jennifer Blizen. *Farm Machines*. Compass Point Books, 2004. View photographs and learn how machines are a part of farm life. ISBN 978-0-7565-0672-8

Gillis, Jennifer Blizen. *Farms Long Ago*. Compass Point Books, 2004. Through realistic drawings, photographs, and simple text, learn what farm life was like in the 1800s and 1900s. ISBN 978-0-7565-0671-1

► Glaser, Linda. *Garbage Helps our Garden Grow*. Millbrook Press, 2010. An introductory book about making compost. ISBN 978-0-7613-4911-2

Godwin, Sam. *A Seed in Need*. Picture Window Books, 2001. Follow the life cycle of a sunflower seed in this colorful book. ISBN 978-1-4048-0920-8

Gonzalez, Lydia A. and Valentin Gonzalez. *Discoveries in the San Joaquin Valley Grapevines*. Trafford.com, 2007. A seven-year-old girl assists her older brother picking grapes in the San Joaquin Valley and lets her imagination take over. ISBN 978-1-4251-7566-5

Graham, Pamela. *Big Red Tomatoes*. National Geographic, 2001. Learn the unique life cycle of the tomato in this early science reader. ISBN 978-0-7922-9221-0

Graham, Pamela. *Peanuts*. National Geographic, 2001. Learn how farmers grow peanuts you can buy at the store in this early reader. ISBN 978-0-7922-8963-0

Gray, Kes. *Cluck O'Clock*. Holiday House, 2003. Telling the time has never been more fun, as the hens in this book watch the clock from "food time" to "fox time." ISBN 978-0-8234-1809-1

► Grigsby, Susan. *In the Garden with Dr. Carver*. Albert Whitman & Company, 2010. A story about how George Washington Carver comes to Alabama and teaches school kids about plants. ISBN 978-0-8075-3630-8

Guest, C. Z. *Tiny Green Thumbs*. Hyperion Books for Children, 2000. Tiny Bun uses things in the garden shed to grow a vegetable garden with Granny Bun. ISBN 978-0-7868-0516-7

Guillain, Charlotte. *Spot the Difference: Flowers*. Heinemann Library, 2008. This book introduces children to the parts of a flower using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0952-9

Guillain, Charlotte. *Spot the Difference: Fruits*. Heinemann Library, 2008. This book introduces children to the anatomy of fruit using intriguing photos of a variety of fruits to provide child-friendly examples. ISBN 978-0-431-19233-8

Guillain, Charlotte. *Spot the Difference: Leaves*. Heinemann Library, 2008. This book introduces children to the anatomy and function of leaves using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0951-2

Guillain, Charlotte. *Spot the Difference: Seeds*. Heinemann Raintree, 2008. Learn about seeds and how they are different from plant to plant. ISBN 978-0-431-19232-1

Guillain, Charlotte. *Spot the Difference: Stems*. Heinemann Library, 2008. This book introduces children to stems using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0950-5

Gunderson, Jessica. *Eli Whitney and the Cotton Gin*. Capstone Press, 2007. Formatted like a graphic novel, this book tells the story of how Eli Whitney invented the cotton gin and the effects it had on the South. ISBN 978-0-7368-6843-3

Gunderson, Jessica. *Friends and Flowers*. Picture Window Books, 2008. This science book blooms flowers and friendship through the garden. ISBN 978-1-4048-2291-7

Guthrie, Woody. *This Land is Your Land*. Little, Brown and Company, 2002. This classic folk song is brought to life in this illustrated edition and invites readers to journey across the country to view America's diverse land and people. ISBN 978-0-316-06564-1

Hall, M.C. *John Deere*. Heinemann Library, 2004. Find out what John Deere's childhood was like, what he did before starting his company, and how to find out more about him. ISBN 978-1-4034-5335-8

Hall, Margaret. *Corn*. Heinemann, 2003. Find out where corn is grown and how it gets from the farm to your table. ISBN 978-1-4034-4047-1

Hall, Margaret. *Cows and Their Calves*. Capstone Press, 2003. This nonfiction primary reader shows how calves are raised to become mature adults. ISBN 978-0-7368-2105-6

Hall, Margaret. *Peanuts*. Heinemann Library, 2003. Find out where peanuts are grown and what happens to them on their way from the farm to your table. ISBN 978-1-4034-4049-5

Hardesty, Constance. *Grow Your Own Pizza: Gardening Plans and Recipes for Kids*. Fulcrum Publishing, 2000. For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots. ISBN 978-1-55591-398-4

Harris, Calvin. *Apple Harvest*. Capstone Press, 2008. This book introduces early readers to subject-specific vocabulary words while having fun learning about how an apple is harvested. ISBN 978-1-4296-0023-1

► Harris, Calvin. *Apple Harvest/La Cosecha de Manzanas*. Capstone Press, 2009. This book describes and illustrates the fall apple harvest in both English and Spanish. ISBN 978-1-4296-3259-1

► Harris, Calvin. *Pumpkin Harvest/La Cosecha de Calabazas*. Capstone Press, 2009. This book describes and illustrates the fall pumpkin harvest in both English and Spanish. ISBN 978-1-4296-3262-1

Harrison, David L. *Farmer's Garden, Rhymes for Two Voices*. Boyds Mills Press, 2003. Farmer's dog is a curious dog. He wanders through Farmer's garden greeting each creature, fruit, and vegetable he meets with a question. ISBN 978-1-59078-177-7

## Primary (Grades PreK-3)

Hart, Avery and Mantell Hart. *Kids Garden!* Williamson Publishing Co., 1996. Using black and white illustrations, this book provides more than 100 activities children and their families or classmates can do to learn more about plants. ISBN 978-0-913589-90-8

Hartley, Karen and Chris Macro. *Bee*. Heinemann Raintree, 2006. Learn all about bees, from what they eat to how they move. Features detailed photographs of bees at work. ISBN 978-1-4034-8306-5

Hauck, Phillip E. *Plum Full of Prunes*. Dab Publishing, 1999. This tale is magically told as a plum tree progresses in development into a seed, a tree again, a branch, and finally into a happy prune plum. ISBN 978-0-9662228-5-2

Haugen, Brenda. *Unusual Farms*. Compass Point Books, 2004. Learn about some specialized farms such as tree, llama, silkworm, and fish farms. ISBN 978-0-7565-0668-1

► Hawkins, Linda J. *Alexander and the Great Food Fight*. Heart to Heart Publishing, 2002. Through this book, readers learn about the benefits of eating fruits, the nutritional values of fruit, the body's use of vitamins and minerals, and get a fruit salad recipe. ISBN 978-1-56311-820-3

► Hawkins, Linda J. *Alexander and the Great Vegetable Feud*. Heart to Heart Publishing, 2008. Learn about a boy's discovery of the benefits of vegetables, vegetable's nutritional value, body's use of vitamins/minerals, and get a vegetable recipe. ISBN 978-0-9742806-4-6

Heiligman, Deborah. *Honeybees*. National Geographic Society, 2002. Learn about the fascinating life cycle of the honey bee through scientific text and easy-to-follow diagrams and pictures. Includes a few experiments. ISBN 978-0-7922-6678-5

Heinrichs, Ann. *The Dust Bowl*. Compass Point Books, 2005. This book describes the challenges of farmers and ranchers in the Great Plains during the 1930s. ISBN 978-0-7565-0837-1

► Henderson, Kathy. *And the Good Brown Earth*. Candlewick Press, 2003. A patient Gram and her spirited grandson follow the cycle of the seasons as they savor the shared joy of growing things in the garden. ISBN 978-0-7636-3841-2

Hepworth, Catherine. *Antics!* The Putnam Publishing Group, 1996. This colorful, alphabetical anthology describes 26 words, each beginning with a different letter of the alphabet and containing the word "ant." ISBN 978-0-698-11350-3

► Hester, Denia. *Grandma Lena's Big 'Ol Turnip*. Albert Whitman & Company, 2005. Grandma Lena grows a turnip so big that she needs help pulling it out of the ground and eating it. ISBN 978-0-8075-3027-6

Hibbert, Clare. *The Life of an Apple*. Raintree, 2004. This book explains how an apple tree develops from a seed and creates new seeds inside fruit called apples. ISBN 978-1-4109-0922-0

Hibbert, Clare. *The Life of a Bean*. Raintree, 2004. Describes the life cycle of a bean from seed to bean pod. ISBN 978-1-84443-321-6

Hibbert, Clare. *The Life of a Butterfly*. Raintree, 2004. Describes the life cycle of a monarch butterfly, including metamorphosis from caterpillar to butterfly. ISBN 978-1-4109-0817-9

Hibbert, Clare. *The Life of a Chicken*. Raintree, 2004. Describes the life cycle of a chicken, from egg to broiler or laying hen. ISBN 978-1-84443-308-7

Hibbert, Clare. *The Life of a Grasshopper*. Raintree, 2004. Describes the life cycle of a grasshopper, from egg to nymph to adult insect. ISBN 978-1-84443-310-0

Hibbert, Clare. *The Life of a Sunflower*. Raintree, 2004. Describes the life cycle of a sunflower, from seed to flower. ISBN 978-1-84443-312-4

Hibbert, Clare. *The Life of a Tree*. Raintree, 2004. Describes the life cycle of a maple tree. ISBN 978-1-84443-345-2

Hickman, Pamela and Heather Collins. *A Seed Grows*. Kids Can Press, 1997. This book, with fold-out pages, describes a watermelon plant's life cycle from seed to harvest. ISBN 978-1-55074-200-8

Hoberman, Mary Ann. *Whose Garden Is This?* Harcourt, Inc., 2004. Mrs. McGee explores that the garden really belongs to the insects, the gardener, and the mammals. ISBN 978-0-15-202631-8

► Hodge, Deborah. *Up We Grow!* Kids Can Press, Ltd., 2010. Go through the four seasons on a small farm to see how food is grown and animals are raised. ISBN 978-1-55453-561-3

Hoena, B.A. *A Visit to the Farm*. Capstone Press, 2004. Learn farm basics through simple text and colorful photographs. ISBN 978-0-7368-2390-6

Hoena, B.A. *A Visit to the Farm/Una Visita a la Granja*. Capstone Press, 2008. This book describes and illustrates a visit to a farm in both English and Spanish. ISBN 978-1-4296-0082-8

► Holub, Joan. *Apple Countdown*. Albert Whitman & Company, 2009. Count down with students on a field trip to an apple farm where they count cows and ducks and pick different varieties of apples. ISBN 978-0-8075-0398-0

Hong, Lily Toy. *The Empress and the Silkworm*. Albert Whitman & Company, 1995. Enjoy this Chinese legend about silk produced by tiny little worms. ISBN 978-0-8075-2009-3

Hopkinson, Deborah. *A Packet of Seeds*. HarperCollins, 2004. A packet of seeds brings hope to a pioneer family as they leave their home and journey west. ISBN 978-0-06-009089-0

Hopkinson, Deborah and Nancy Carpenter. *Apples to Oregon*. Atheneum, 2004. A tall tale about the obstacles that a father and daughter face while moving with their fruit trees from Iowa to Oregon in the mid-nineteenth century. ISBN 978-0-689-84769-1

Hosta, Dar. *If I Were a Tree*. Brown Dog Books, 2007. Through collages, this book reveals the importance of trees in daily life. Includes tree facts and a diagram illustrating the parts of a tree. ISBN 978-0-9721967-3-4

Hubbell, Will. *Apples Here!* Albert Whitman & Company, 2002. This simple picture book, with a detailed description of the apple life cycle in the back, shares interesting facts of one of the most popular fruits. ISBN 978-0-8075-0397-3

► Icenogge, Jodi. *'Til the Cows Come Home*. Boyds Mills Press, 2004. A resourceful cowboy finds a way to use one beautiful piece of leather in a variety of situations, making the piece last 'til the cows come home. ISBN 978-1-59078-800-4

Jackson, Woody. *Counting Cows*. Red Wagon Books, 1999. A whimsical counting book features cows and cow terminology. ISBN 978-0-15-202174-0

James, Diane and Sara Lynn. *On the Farm*. Two-Can Publishing, 2000. A first look at animals helps answer young children's questions about how animals live, eat, and look after their young. ISBN 978-1-85434-929-3

James, Felix. *From Field to Florist*. National Geographic, 2001. This nonfiction primary reader shows how flowers get from the field to the florist shop. ISBN 978-0-7922-8736-0

Johnston, Tony. *The Barn Owl*. Charlesbridge, 2001. Through a simple poem, learn what a barn owl does day and night and through the seasons. ISBN 978-0-88106-982-2

Jones, Christianne C. *The Little Red Hen*. Picture Window Books, 2005. The little red hen works hard to grow the wheat and make some bread, but who will help her? ISBN 978-1-4048-0975-8

Kalman, Bobbie. *How a Plant Grows*. Crabtree Publishing Company, 1996. Through nonfiction text and colorful photographs, learn how plants grow, and then try a couple of experiments that are listed. ISBN 978-0-86505-728-9

► Kalman, Bobbie. *I Eat a Rainbow*. Crabtree Publishing, 2010. Shows colorful fruits and vegetables illustrating a balanced diet comes from every color of the rainbow. ISBN 978-0-7787-9412-7

Kalman, Bobbie. *The Life Cycle of a Butterfly*. Crabtree Publishing Company, 2001. Through colorful photographs, explore the amazing life cycle of the butterfly. ISBN 978-0-7787-0680-9

► Kalz, Jill. *An A-MAZE-ing Farm Adventure*. Picture Window Books, 2011. Find the way through a variety of mazes while going through different types of farms. ISBN 978-1-4048-6038-4

► Katschke, Judy. *Johnny Tractor and the Big Surprise*. Running Press Kids, 2006. It's spring on the farm and it's time to plant sunflowers, but the seeds are nowhere to be found. Johnny Tractor and Allie Gator search the farm, finally finding a big surprise. ISBN 978-0-7624-2628-7

► Keeler, Renee. *Our Pumpkin*. Creative Teaching Press, 1995. A book about how to use math with a pumpkin. ISBN 978-1-57471-002-1

Keller, Kristin Thoennes. *From Apples to Applesauce*. Capstone Press, 2005. Learn how applesauce is made using fresh apples grown in an apple orchard. ISBN 978-0-7368-2633-4

Keller, Kristin Thoennes. *From Maple Trees to Maple Syrup*. Capstone Press, 2004. Learn how maple syrup starts with sap from sugar maple trees, and follow along as the sap is cooked at the sugarhouse and made into maple syrup. ISBN 978-0-7368-2634-1

Keller, Kristin Thoennes. *From Milk to Ice Cream*. Capstone Press, 2005. Follow along as cows are milked, the milk is taken to the dairy, and is made into ice cream. ISBN 978-0-7368-2635-8

Keller, Kristin Thoennes. *From Oranges to Orange Juice*. Capstone Press, 2004. Follow along as oranges from an orange grove are taken to a factory and made into orange juice. ISBN 978-0-7368-2636-5

Keller, Kristin Thoennes. *From Peanuts to Peanut Butter*. Capstone Press, 2004. Through colorful photographs and simple text, learn how peanuts grow and are processed into peanut butter. ISBN 978-0-7368-2637-2

Keller, Kristin Thoennes. *From Wheat to Bread*. Capstone Press, 2005. Learn how bread starts with wheat that is grown on a farm and is milled into flour to make bread. ISBN 978-0-7368-2638-9

► Kelly, Irene. *Even an Ostrich Needs a Nest*. Holiday House, 2009. This book shows how birds and their nests can be very different. ISBN 978-0-8234-2102-2

King-Smith, Dick. *All Pigs Are Beautiful*. Candlewick Press, 2001. This book explains everything you've always wanted to know about pigs, proving whether they're big, little, gentle or stubborn, all pigs are beautiful. ISBN 978-0-7636-1433-1

Kinsey-Warnock, Natalie. *A Farm of Her Own*. Dutton Children's Books, 2001. Emma spends the summer with her aunt and uncle at Sunnyside Farm and allows readers to experience what life on a farm may be like. ISBN 978-0-525-46507-2

## Primary (Grades PreK-3)

Kinsey-Warnock, Natalie. *From Dawn till Dusk*. Houghton Mifflin Company, 2002. Farm work is hard work, but there is also lots of fun in this memory of growing up on a Vermont farm over 40 years ago. ISBN 978-0-618-73750-5

Klein, Adria. *Max Goes to the Farm*. Picture Window Books, 2008. Spend a day with Max and his friends at his grandparents' farm. ISBN 978-1-4048-3678-5

► Klein, Adria F. *Max Goes to the Farmers' Market*. Picture Window Books, 2009. A simple story about Max and his mom shopping at a farmers market. As they wander through the stalls, Max discovers fresh flowers, fruits, eggs, and vegetables. ISBN 978-1-4048-5263-1

Knight, Bertram T. *From Cow to Ice Cream*. Children's Press, 1997. Through colorful photographs and simple text, take a journey and discover how ice cream is made. ISBN 978-0-516-20361-4

► Koontz, Robin. *Apples, Apples Everywhere!* Picture Window Books, 2011. Learn about apple harvests. ISBN 978-1-4048-6012-4

Koontz, Robin. *Composting: Nature's Recyclers*. Picture Window Books, 2007. Dead leaves, food scraps, and grass clippings for lunch? Small animals, fungi, and bacteria, called decomposers, turn trash into a tasty compost treat. Learn more about compost and how you can use it in your garden or yard. ISBN 978-1-4048-2194-1

► Koontz, Robin. *Pick a Perfect Pumpkin*. Picture Window Books, 2011. Learn where pumpkins come from and how to harvest them. ISBN 978-1-4048-6011-7

Kras, Sara Louise. *Paper*. Capstone Press, 2004. Through simple text and photographs, learn how paper products are made from trees. ISBN 978-0-7368-2513-9

Kras, Sara Louise. *Wood*. Capstone Press, 2004. Learn about this natural material and how it is used to make many useful products. ISBN 978-0-7368-2515-3

Kroll, Steven. *The Biggest Pumpkin Ever*. Cartwheel Books, 1993. Two mice raise and harvest a very large pumpkin. ISBN 978-0-590-46463-5

Krudwig, Vickie Leigh. *Cucumber Soup*. Fulcrum Publishing, 1998. This counting picture book, full of whimsical insects, introduces students to many garden critters. ISBN 978-1-55591-380-9

► Kurtz, Shirley. *Applesauce*. Good Books, 1992. A family collects apples to make applesauce to eat through winter. Includes applesauce recipe. ISBN 1-56148-065-7

Kutner, Merrily. *Down on the Farm*. Holiday House, 2005. Down on the farm the animals make all kinds of sounds in a rhyming poem. ISBN 978-0-8234-1985-2

► Lanczak-Williams, Rozanne. *We Can Eat the Plants*. Creative Teaching Press, 1994. This book, with simple text, allows students to read about the edible parts of a plant. ISBN 978-0-916119-26-3

► Lanczak-Williams, Rozanne. *Whose Forest Is It?* Creative Teaching Press, Inc., 1994. Emergent reader about animals in the forest. ISBN 978-0-916119-29-4

Landau, Elaine. *Tomatoes*. Children's Press, 2000. In this true-to-life book, learn how tomatoes grow and the history of them. ISBN 978-0-516-26773-9

► Landman, Tanya. *Mary's Penny*. Candlewick Press, 2010. A farmer devises a competition for his children: the one who can fill the house with something that costs only a penny will inherit his farm. ISBN 978-0-7636-4768-1

Leavell, Chuck and Nicholas Cravotta. *The Tree Farmer*. VSP Books, 2005. This story explains the vital role trees play in our lives, providing us with the wood for our homes, furniture, and other products—and our responsibility to care for them. ISBN 978-1-893622-16-6

Leeper, Angela. *Dairy Plant*. Heinemann Library, 2004. Take a field trip to a dairy plant and learn how milk is processed into butter, cheese, and ice cream. ISBN 978-1-4034-5166-8

Leeper, Angela. *Farm*. Heinemann Library, 2004. Take a field trip to a farm and learn about its different crops, animals, machines, and buildings. ISBN 978-1-4034-5167-5

Leeper, Angela. *Grocery Store*. Heinemann Library, 2004. Take a field trip to a grocery store and learn about how it is organized and how to purchase items. ISBN 978-1-4034-5169-9

Levenson, George. *Bread Comes to Life: A Garden of Wheat and a Loaf to Eat*. Tricycle Press, 2004. From the wheat patch to the kitchen, explore the makings of bread with the help of a baker. ISBN 978-1-58246-114-4

► Leveté, Sarah. *A Tale of One Well in Malawi*. Capstone Press, 2010. A story about the importance of fresh, clean water and how to get water in Malawi. ISBN 978-1-4296-5506-4

L'Hommedieu, Arthur John. *From Plant to Blue Jeans*. Children's Press, 1998. Through colorful photographs and simple text, learn how cotton is grown and processed into clothing. ISBN 978-0-516-20738-4

Lin, Grace. *The Ugly Vegetables*. Charlesbridge, 2001. A little girl and her mother grow vegetables rather than beautiful flowers like their neighbors, and she learns to appreciate the tasty soup her mother makes with them. ISBN 978-1-57091-491-1



Lindbergh, Reeve. *Johnny Appleseed*. Megan Tingley, 1993. Rhymed text and illustrations relate the life of John Chapman, whose distribution of apple seeds and trees across the Midwest made him a legend and left a legacy still enjoyed today. ISBN 978-0-316-52634-0

Lindbergh, Reeve. *The Midnight Farm*. Penguin Books, 1995. Secrets of the dark are revealed in this poem describing a farm at midnight. ISBN 978-0-14-055668-1

Lindeen, Carol. *Natural and Human-made*. Capstone Press, 2008. This book illustrates what is made by a natural resource compared to human resources. ISBN 978-1-4296-0001-9

Lindeen, Carol. *Soil Basics*. Capstone Press, 2008. This book illustrates all the components of soil. ISBN 978-1-4296-0003-3

► Lindeen, Carol. *Soil Basics/Lo básico de la tierra*. Capstone Press, 2011. This bilingual book illustrates all the components of soil. ISBN 978-1-4296-5347-3

Lindeen, Carol. *Water Basics*. Capstone Press, 2008. This simple text and photographs present water and the water cycle. ISBN 978-1-4296-0005-7

Linderman, Dianne. *My Pony Ride Business*. Kids' Entrepreneurial Books, 2003. Learn how youngsters create their own business and inspire others to do the same. ISBN 978-0-9704876-1-2

► Locker, Marilyn. *America's Cheese: An Old Food in a New Land*. Newbridge Educational Publishing, 2005. In this book, discover the history and process of making cheese. ISBN 978-1-4007-3966-0

Loewen, Nancy. *Busy Buzzers: Bees in Your Backyard*. Picture Window Books, 2003. Scientific information is interspersed with primary-level text to explain interesting and important facts about bees. ISBN 978-1-4048-0143-1

Loewen, Nancy. *Spotted Beetles: Ladybugs in Your Backyard*. Picture Window Books, 2003. Scientific information is interspersed with primary-level text to explain interesting and important facts about ladybugs. ISBN 978-1-4048-0142-4

Longenecker, Theresa. *Who Grows Up on the Farm? A Book About Farm Animals and Their Offspring*. Picture Window Books, 2002. Full-color illustrations and fact-filled text discuss the various kinds of babies that grow up on a farm. Includes factual charts and tables. ISBN 978-1-4048-0029-8

Lucca, Mario. *Seeds Grow into Plants*. National Geographic, 2001. Observe seeds and what they grow into through colorful photographs and simple text. ISBN 978-0-7922-8710-0

Lucca, Mario. *Wool Keeps Me Warm*. National Geographic, 2003. From sheep to clothing, learn about wool. ISBN 978-0-7922-4269-7

Ludy, Mark. *The Farmer*. Green Pastures Publishing, Inc., 1999. Centered around the farmer, this hard working man shows the importance of patience, perseverance, and faith. ISBN 978-0-9664276-0-8

MacDonald, Margaret Read. *Slop! A Welsh Folktale*. Fulcrum Publishing, 1997. This Welsh folktale shows what a clever man and woman do with their leftover vegetable peelings and dishwasher. Introduces the concept of composting. ISBN 978-1-55591-352-6

MacLachlan, Patricia. *All the Places to Love*. HarperCollins, 1999. A young boy describes the favorite places he shares with his family on his grandfather's farm and nearby countryside. ISBN 978-0-06-021098-4

Maestro, Betsy. *How Do Apples Grow?* HarperTrophy, 1992. Introduce the students to the life cycle of the apple tree through easy illustrations and text. ISBN 978-0-06-445117-8

Mallett, David. *Inch by Inch: The Garden Song*. Scholastic, 2001. This classic folk song celebrates nature in all its bounty with expressive illustrations in picture book format along with the music needed to play or sing this song with instruments and voices. ISBN 978-0-06-443481-2

► Marshall, Pam. *From Tree to Paper*. Lerner Publications, 2003. Discover how paper is made. ISBN 978-0-8225-0720-8

Marzolo, Jean. *Sun Song*. HarperCollins, 1997. Animals and plants respond to the changing light over the course of a single day. ISBN 978-0-06-443476-8

May, Kathy L. *Molasses Man*. Holiday House, 2000. When the sorghum cane is ripe and ready, Grandpa decides to make molasses. ISBN 978-0-8234-1438-3

Mayr, Diane. *Out and About at the Apple Orchard*. Picture Window Books, 2002. Full-color illustrations and fact-filled text offer a behind-the-scenes tour at an apple orchard. ISBN 978-1-4048-0036-6

Millen, C.M. *A Symphony for the Sheep*. Houghton Mifflin Company, 1996. Explore the fascinating lives of the sheep of Ireland and explore the spinning, weaving, and knitting of their wool. ISBN 978-0-395-76503-6

► Miller, Heather. *Seeds Go, Seeds Grow*. Newbridge Educational Publishing, 2007. Go on a journey through the life of a seed. ISBN 978-1-4007-5237-9

► Milway, Katie Smith. *The Good Garden*. Kids Can Press, Ltd., 2010. A story of a young girl in Honduras who helps her family and community produce more food through new farming methods. ISBN 978-1-55453-488-3

► Miranda, Anne. *Keeping Bees*. Newbridge Educational Publishing, 2001. Read how the beekeeper and the bees help each other make useful things. ISBN 978-1-58273-569-6

## Primary (Grades PreK-3)

Monroe, Judy. *George Washington Carver: Scientist and Inventor*. Capstone Press, 2006. Learn how George Washington Carver found hundreds of uses for peanuts and sweet potatoes. ISBN 978-0-7368-4345-4

- ▶ Mooney, Margaret. *Wonderful Wheat*. Newbridge Educational Publishing, 1999. Emergent-level book shows how wheat is used. ISBN 978-1-58273-343-2
- ▶ Morgan, Sally. *Bees*. Crabtree Publishing, 2008. Find out about bee anatomy, functions, and importance of bees in the environment, and their history. ISBN 978-0-7787-4049-0
- ▶ Morgan, Sally. *Ducks*. Crabtree Publishing, 2008. In this book, a duck's life cycle is described, as well as why ducks live on a farm. ISBN 978-0-7787-4052-0
- ▶ Morgan, Sally. *Fish*. Crabtree Publishing, 2008. Read all about fish and the health benefits of eating fish. ISBN 978-0-7787-4053-7
- ▶ Morgan, Sally. *Goats*. Crabtree Publishing, 2008. Identify the goat's body parts, its life cycle, and why goats live on farms. ISBN 978-0-7787-4054-4
- ▶ Mortensen, Lori. *In the Trees, Honey Bees*. Dawn Publications, 2009. Simple rhyming words and realistic illustrations describe the life cycle of the honey bee. The book also includes two pages of background information about honey bees. ISBN 978-1-58469-115-0
- ▶ Mortensen, Lori. *Working on the Farm*. Capstone Press, 2011. A graphic, nonfiction book for beginners about daily tasks on the farm. ISBN 978-1-4296-4510-2
- ▶ Moser, Lisa. *Watermelon Wishes*. Clarion Books, 2006. When Charlie spends the summer growing watermelons with Grandpap, his secret wish is to do it all over again the next year. ISBN 978-0-618-56433-0

Murphy, Andy. *Out and About at the Dairy Farm*. Picture Window Books, 2002. This picture book gives factual information about milk production. ISBN 978-1-4048-0166-0

Murphy, Patricia. *A Visit to the Apple Orchard*. Pebble Plus, 2004. Go behind the scenes at an apple orchard to find out what happens during a typical day. ISBN 978-1-4296-1453-5

Nagro, Anne. *Our Generous Garden*. Dancing Rhinoceros Press, 2008. Based on a successful school garden project, this book encourages young people to get outdoors and start growing. ISBN 978-0-9793739-4-7

Nelson, Kristin. *Farm Tractors*. Lerner Publications Company, 2003. With colorful photographs, this emerging reader introduces children to different kinds of tractors and how they are used on farms. ISBN 978-0-8225-0690-4

Nelson, Robin. *From Cocoa Bean to Chocolate*. Lerner Publications Company, 2003. Using colorful photographs, the book shows how cocoa beans are grown, harvested, dried, and then processed into the products we all enjoy. ISBN 978-0-8225-4665-8

Nelson, Robin. *From Cotton to T-Shirt*. Lerner Publications Company, 2003. Discover how a cotton T-shirt is created from start to finish in this simply-written, emerging reader book with colorful photographs. ISBN 978-0-8225-4661-0

▶ Oatman-High, Linda. *Barn Savers*. Boyds Mills Press, 1999. Follow a father and son while they recycle a barn. ISBN 978-1-56397-403-8

▶ Oatman-High, Linda. *Beekeepers*. Boyds Mills Press, 1998. A story about how bees are kept. ISBN 978-1-59078-046-6

Older, Jules. *Cow*. Charlesbridge, 1998. A lighthearted, nonfiction book on cows, breeds, and milk production. ISBN 978-0-88106-956-3

Older, Jules. *Ice Cream: Including Great Moments in Ice Cream History*. Charlesbridge, 2002. Learn about one of America's favorite desserts through fun historical facts. ISBN 978-0-88106-112-3

Older, Jules. *Pig*. Charlesbridge, 2004. This entertaining book contains lots of facts and trivia about pigs. Various pig breeds are described and the origins of each are listed. ISBN 978-0-88106-109-3

Olson, Nathan. *Farm Patterns*. Capstone Press, 2007. Learn what a pattern is through the illustrations of farm patterns. ISBN 978-0-7368-6732-0

Ouren, Todd. *From the Garden: A Counting Book About Growing Food*. Picture Window Books, 2004. Learn the numbers one to 12 by counting things in the garden. ISBN 978-1-4048-0578-1

Palacios, Argentina. *Peanut Butter, Apple Butter, Cinnamon Toast: Food Riddles for You to Guess*. Harcourt, 1999. A book of food riddles for children. ISBN 978-0-15-313399-2

Pallotta, Jerry. *Apple Fractions*. Scholastic, 2003. This book teaches about fractions, apple varieties, and about the apple life cycle. ISBN 978-0-439-38901-3

Pallotta, Jerry. *Hershey's Milk Chocolate*. Cartwheel, 2002. Learn weight and measurement concepts and standards using candy products. ISBN 978-0-439-38877-1

Pallotta, Jerry. *The Vegetable Alphabet Book*. Charlesbridge, 1992. From A to Z, this colorful book with simple text educates youth about how certain fruits, vegetables, and other plants grow in the garden. ISBN 978-0-88106-468-1

Pallotta, Jerry. *The Yummy Alphabet Book*. Charlesbridge, 1994. Welcome to a delectable alphabet adventure. Learn about herbs, spices, and natural flavors from around the world. ISBN 978-0-88106-897-9

Pancella, Peggy. *Farm Community*. Heinemann Library, 2006. Take a tour of the everyday sites found in a farm community and discover where people work, where children go to school, how people get around, and what places are unique to a farm community. ISBN 978-1-4034-6222-0

Paulsen, Gary. *Harris and Me: A Summer Remembered*. Yearling, 1995. An 11-year-old city boy is used to being pawed off on relatives. What he is not used to is the farm setting, the hard work, these cousins, and what the summer brings him this time around. ISBN 978-0-440-40994-6

Paulsen, Gary. *The Tortilla Factory*. Voyager Books, 1998. Simple text and paintings tell the story of tortillas from corn seed to plant and then factory to store. ISBN 978-0-15-201698-2

Peck, Jan. *The Giant Carrot*. Dial Books for Young Readers, 1998. Little Isabelle's family decides to plant a carrot seed, and each will do their part to make it grow. ISBN 978-0-8037-1823-4

► Pennington, Daniel. *Itse Selu*. Charlesbridge Publishing, 1994. Join Little Wolf to celebrate the harvest of corn, a Cherokee tradition, where he partakes in a luscious feast, listens to a traditional folktale, and performs the sacred corn dance. ISBN 978-0-88106-850-4

► Peppas, Lynn. *Vehicles on the Farm*. Crabtree Publishing Company, 2011. Working on a farm can require many different vehicles that are described in this book. ISBN 978-0-7787-3065-1

Perkins, Lynne Rae. *Home Lovely*. Greenwillow Books, 1995. A lonely young girl living in an isolated trailer makes new friends and gains knowledge by growing flowers and melons. Along the way, she beautifies her home. ISBN 978-0-688-13687-1

Peterson, Cris. *Amazing Grazing*. Boyds Mills Press, 2002. Learn about grazing by examining real ranches throughout the country. ISBN 978-1-56397-942-2

Peterson, Cris. *Century Farm: One Hundred Years on a Family Farm*. Boyds Mills Press, 1999. Family anecdotes and family photos share the story of a 100-year farm as it grew from the 1890s into a thriving dairy. ISBN 978-1-56397-710-7

► Peterson, Cris. *Clarabelle: Making Milk and So Much More*. Boyds Mills Press, 2007. This book is about how cows produce much more than just milk. ISBN 978-1-59078-310-8

► Peterson, Cris. *Extra Cheese, Please!* Boyds Mills Press, 1994. Follow the cheese-making process from cow to pizza topping. ISBN 978-1-56397-177-1

► Peterson, Cris. *Fantastic Farm Machines*. Boyds Mills Press, 2006. Twelve big pieces of machinery are shown and their purposes are explained. ISBN 978-1-59078-271-2

Peterson, Cris. *Harvest Year*. Boyds Mills Press, 1996. Full-color photos and clear, concise text take readers month-by-month through a sampling of the wide diversity and volume of crops grown throughout the United States. ISBN 978-1-56397-571-4

► Peterson, Cris. *Seed Soil Sun: Earth's Recipe for Food*. Boyds Mills Press, 2010. Seed, soil, and sun are three ingredients for growing food. ISBN 978-1-59078-713-7

Pfeffer, Wendy. *Wiggling Worms at Work*. HarperCollins Publishers, 2004. Learn how the work of worms loosens the soil allowing more room for plant roots to grow. ISBN 978-0-06-445199-4

Phelan-Sissel, Peggy. *A Visit to the Farmers' Market*. Brain Child Books, 2006. This easy-to-read picture book highlights the benefits of shopping at the farmer's market. ISBN 978-0-9771010-0-9

Pickering, Robin. *I Like Corn*. Children's Press, 2000. In this introductory reader, children learn through colorful photographs about the many foods made of corn. ISBN 978-0-516-23009-2

► Pike, Katy. *Farm Animals*. Newbridge Educational Publishing, 2004. Learn about farm animals and what they produce in this "Go Facts" book series. ISBN 1-4007-3935-7

Pinczes, Elinor. *One Hundred Hungry Ants*. Houghton Mifflin Company, 1999. One hundred hungry ants in rows of various sizes march to sample the delights of a picnic. ISBN 978-0-395-97123-9

Pitts, Zachary. *The Pebble First Guide to Horses*. Capstone Press, 2008. A basic field guide format introduces 13 horse breeds. ISBN 978-1-4296-2802-0

► Pomeroy-Crockett, Johanna. *Why Do I Need to Eat Fruits and Veggies?* Educational Activities, Inc., 2008. While visiting a farmers market, Mia and her classmates learn about the benefits of eating fruits and veggies because they are not only good for you, but make you feel good, too. Audio CD included. ISBN 978-0-7925-5743-3

► Poole, Amy Lowry. *The Pea Blossom*. Holiday House, 2005. In a garden near Beijing, five peas grow in a shell and wait to discover their fate. ISBN 978-0-8234-2018-6

Potter, Beatrix. *The Complete Adventures of Peter Rabbit*. Frederick Warne and Company, 2003. The four Beatrix Potter stories that feature Peter Rabbit are brought together in one volume. ISBN 978-0-7232-4734-0

## Primary (Grades PreK-3)

Potter, Beatrix. *The Tale of Peter Rabbit*. Frederick Warne and Company, 2004. Enjoy this easy-to-read version of Peter Rabbit and his adventures in Mr. McGregor's garden. ISBN 978-0-7232-4770-8

► Powell, Martin. *The Legend of Johnny Appleseed*. Stone Arch Books, 2010. The graphic novel retells the story of Johnny Appleseed and the adventures he encounters traveling across the country planting apple seeds to grow trees. ISBN 978-1-4342-1895-7

Priceman, Marjorie. *How to Make an Apple Pie and See the World*. Dragonfly Books, 1996. From the jungles of Sri Lanka to the apple orchards in Vermont, a little baker travels to find the finest ingredients for her pie. ISBN 978-0-679-88083-7

► Purmell, Ann. *Apple Cider Making Days*. Millbrook Press, 2002. Follow two kids while they make apple cider on their Grandpa's apple farm. ISBN 978-0-7613-2364-8

► Purmell, Ann. *Christmas Tree Farm*. Holiday House, 2006. This book is about a boy and his family who work on their tree farm throughout the year to prepare for Christmas. ISBN 978-0-8234-1886-2

Purmell, Ann. *Maple Syrup Season*. Holiday House, 2008. This picture book gives students a behind-the-scenes look at making a much-loved treat. ISBN 978-0-8234-1891-6

► Randall, Alison L. *The Wheat Doll*. Peachtree Publishers, 2008. A story about a young pioneer girl and her wheat doll. Students learn about pioneer life and the production cycle of wheat. ISBN 978-1-56145-456-3

► Ray, Hannah. *Chickens*. Crabtree Publishing, 2008. In this book, learn about chicken anatomy, life cycle, different breeds, and uses. ISBN 978-0-7787-4050-6

► Ray, Hannah. *Cows*. Crabtree Publishing, 2008. Read about cow anatomy, life cycle, different breeds, and uses. ISBN 978-0-7787-4051-3

► Ray, Hannah. *Pigs*. Crabtree Publishing, 2008. In this book, learn that pigs are great swimmers, that they use mud as suntan lotion, and that the largest pig weighed the same as 14 grown men. ISBN 978-0-7787-4055-1

► Ray, Hannah. *Sheep*. Crabtree Publishing, 2008. Identify the sheep's body parts, its life cycle, and why sheep live on a farm. ISBN 978-0-7787-4056-8

Ray, Mary Lyn. *Pumpkins: A Story for a Field*. Harcourt, 1996. In this fictional story, a field and pumpkins make one think about what is important in life. ISBN 978-0-15-201358-5

Ready, Dee. *Granjeros y Granjeras*. Bridgestone Books, 1999. In Spanish, learn how farmers grow grains and what they are used for. ISBN 978-1-56065-798-9

Reed-Jones, Carol. *The Tree in the Ancient Forest*. Dawn Publications, 1995. The remarkable web of plants and animals living around a single fir tree takes on a life of its own in this story. ISBN 978-1-883220-31-0

Rendon, Marcie R. and Cheryl Walsh Bellville. *Farmer's Market*. Lerner Publishing Group, 2001. Full of colorful photographs, this book describes the efforts of many families who work hard to produce food that is sold at farmers markets. ISBN 978-1-57505-462-9

► Reynolds, Peter H. *Rose's Garden*. Candlewick Press, 2009. Rose has traveled the world collecting seeds, waiting for the perfect place to plant them, but ends up with only a few after the birds eat her collection. She plants the remaining seeds and waits for them to grow. ISBN 978-0-7636-4641-7

Rice, James. *Cowboy Rodeo*. Pelican Publishing Company, 1992. Learn about southern rodeos and their history through Texas Jack, a jackrabbit, in this non-traditional writing style. ISBN 978-0-88289-903-9

Rice, James. *Trail Drive*. Pelican Publishing Company, 1996. In a non-traditional writing style, learn about Texas cattle drives through Texas Jack, a jackrabbit. ISBN 978-1-56554-163-4

► Richards, Jean. *A Fruit is a Suitcase for Seeds*. First Avenue Editions, 2002. A description of various types of seeds and dispersal, by which plants travel from one place to another. ISBN 978-0-8225-5991-7

Ring, Susan. *From Tree to Table*. Yellow Umbrella Books, 2003. In this emerging reader, children learn how maple syrup is made and processed into the sweet syrup they enjoy. ISBN 978-0-7368-2026-4

Robbins, Ken. *Apples*. Antheum Books for Young Readers, 2002. With colorful photographs and nonfiction text, learn how apples grow, from the planting of a tree to the pollination of buds by bees. ISBN 978-0-689-83024-2

Robson, Pam. *What's For Lunch? Bananas*. Children's Press, 1998. Learn how bananas are grown and how people eat them. ISBN 978-0-516-26217-8

Robson, Pam. *What's For Lunch? Corn*. Children's Press, 1998. Learn how corn is grown and how people eat it. ISBN 978-0-516-26219-2

Robson, Pam. *What's For Lunch? Honey*. Franklin Watts, 2003. Learn how honey is produced so people can enjoy eating it. ISBN 978-0-7496-4934-0

Robson, Pam. *What's For Lunch? Rice*. Children's Press, 1998. Learn how rice is produced and the many ways it is eaten. ISBN 978-0-516-20824-4

Rock, Maria. *MiMi's Garden: iT'S A KiD THiNG!* Maria Ink, 2004. Colorfully-illustrated guide for teachers, parents and children encourages people to garden from the heart. ISBN 978-0-9726979-0-3

Rockwell, Anne. *One Bean*. Walker & Company, 1998. This primary reader introduces children to the life cycle of the bean plant. ISBN 978-0-8027-7572-6

Rockwell, Anne. *Pumpkin Day, Pumpkin Night*. Walker & Company, 2001. Jeffrey finds a perfect pumpkin that is not too big and not too small. ISBN 978-0-8027-7614-3

► Rosenbaum, Judith. *Looking at Soil*. Newbridge Educational Publishing, 2007. A book that explains the components of soil in an easy to understand format. ISBN 978-1-4007-5213-3

Rosinsky, Natalie M. *Dirt: The Scoop on Soil*. Picture Window Books, 2002. Vivid illustrations and clear, fact-filled text explore the amazing science of soil. ISBN 978-1-4048-0012-0

Rosinsky, Natalie M. *El Suelo: Tierra y Arena*. Picture Window Books, 2007. Vivid illustrations and clear, fact-filled Spanish text explore the amazing science of soil. ISBN 978-1-4048-3211-4

► Rotner, Shelley and Gary Goss. *Where Does Food Come From?* Millbrook Press, 2006. This book is a photo essay that teaches children that the source of their food is not the supermarket. ISBN 978-0-7613-2935-0

Royston, Angela. *Ciclo de vida de el Pollo*. Heinemann Library, 2003. Learn how baby chickens get out of the egg and how they are raised. ISBN 978-1-4034-3040-3

Royston, Angela. *Flowers, Fruits and Seeds*. Heinemann Library, 1999. Discover why plants have flowers, how some animals help make new plants, and what pollen is. ISBN 978-1-58810-449-6

Royston, Angela. *How is Chocolate Made?* Heinemann Library, 2005. Illustrates the process from cocoa bean to candy bar. Includes an overview of the sources of different ingredients that give some bars a particular taste, and a detailed look at the factories and workers that make the product. ISBN 978-0-431-05046-1

Royston, Angela. *How Plants Grow*. Heinemann Library, 1999. Discover how a plant's life begins, what plants need to make them grow, and why some trees lose their leaves in the fall. ISBN 978-1-57572-538-3

Royston, Angela. *Life Cycle of an Apple*. Heinemann Library, 1999. Learn what different kinds of buds apple trees have and how bees help to make apples. ISBN 978-1-57572-472-0

Royston, Angela. *Life Cycle of a Bean*. Heinemann, 1998. Learn what happens when you first plant a bean seed, why it flowers, and how new beans are made. ISBN 978-1-58810-329-1

Royston, Angela. *Life Cycle of a Chicken*. Heinemann Library, 2000. Learn how baby chickens get out of the egg and how they are raised. ISBN 978-0-431-08361-2

Royston, Angela. *Life Cycle of a Salmon*. Heinemann Library, 2000. Learn about the journey a salmon takes as it grows from alevin to fry to smolt and how, fully grown, it makes its way back from the ocean to the river it started in. ISBN 978-1-58810-327-7

Royston, Angela. *Life Cycle of a Sunflower*. Heinemann Library, 1999. Learn what a sunflower does as the sun moves and other interesting facts. ISBN 978-1-57572-475-1

Royston, Angela. *Strange Plants*. Heinemann Library, 1999. Discover what flower grows 10 feet tall, which plants eat insects, and what spores are. ISBN 978-0-431-00184-5

Rubin, Alan. *Esta Granja/This Farm*. Yellow Umbrella Books, 2006. Written in both English and Spanish, this collection of simple text and photos features plants and animals that are found on a farm. ISBN 978-0-7368-6022-2

Rushing, Felder. *Dig, Plant, Grow*. Color Springs Press, 2004. Through the colorful photographs, this book is a resource for creating garden artwork, planting beds, and more. ISBN 978-1-59186-093-8

► Russ, Angela. *We Eat Food That's Fresh*. OurRainbow Press, 2009. A whimsical chef introduces young children to fun food experiences that stir up their interest in fruits and vegetables. CD included. ISBN 978-1-934214-09-1

Rustad, Martha E. *Pumpkin Harvest*. Capstone Press, 2008. In fall, pumpkins turn orange and are picked from patches. Check out pumpkins during and after the harvest. ISBN 978-1-4296-0026-2

► Ryan, Pam Munoz. *How Do You Raise a Raisin?* Charlesbridge Publishing, 2003. In this book you will find out how grapes become raisins, who introduced the seedless grape, and the many uses for raisins. ISBN 978-1-57091-398-3

Salas, Laura Purdie. *From Seed to Daisy: Following the Life Cycle*. Picture Window Books, 2008. Let your mind bloom as you learn about the life cycle of the Shasta daisy. ISBN 978-1-4048-4919-8

Salas, Laura Purdie. *From Seed to Maple Tree: Following the Life Cycle*. Picture Window Books, 2009. Learn about germination, pollination, and anatomy as readers follow the life cycle of a maple tree. ISBN 978-1-4048-4931-0

Salas, Laura Purdie. *Lettuce Introduce You: Poems About Food*. Capstone Press, 2009. Poems in various forms celebrate everything from watermelon to Brussels sprouts. ISBN 978-1-4296-1703-1

## Primary (Grades PreK-3)

Salas, Laura Purdie. *Shrinking Days, Frosty Nights: Poems About Fall*. Capstone Press, 2008. From grinning jack-o'-lanterns to colorful leaves, this fun collection of poetry features many fall favorites. ISBN 978-1-4296-1205-0

Sandin, Joan. *Coyote School News*. Henry Holt and Company, 2003. This story, about students who attend Coyote School, is based on a collection of newsletters written by Arizona ranch country schools between 1932 and 1943. ISBN 978-0-8050-6558-9

Saunders-Smith, Gail. *Apple Trees*. Capstone Press, 1998. Learn the life cycle of the apple tree in this primary reader that has color photographs. ISBN 978-1-56065-490-2

Saunders-Smith, Gail. *Beans*. Capstone Press, 1997. Learn the life cycle of the green bean in this primary reader that has color photographs. ISBN 978-1-56065-487-2

Saunders-Smith, Gail. *Carrots*. Capstone Press, 1997. This primary reader describes carrots from growing to processing to eating. ISBN 978-1-56065-488-9

Saunders-Smith, Gail. *Fall Harvest*. Capstone Press, 1998. This emerging reader book shows that crops are harvested by hand and by machine. ISBN 978-1-56065-587-9

Saunders-Smith, Gail. *Flowers*. Capstone Press, 1998. Learn the anatomy and function of flowers through colorful photographs and primary text. ISBN 978-1-56065-769-9

Saunders-Smith, Gail. *From Blossom to Fruit*. Capstone Press, 1998. Learn the life cycle of the apple tree from the blossom to the apple. ISBN 978-1-56065-952-5

Saunders-Smith, Gail. *From Bud to Blossom*. Capstone Press, 1998. Part of a series of books on apples, learn how the bud on an apple tree blossoms. ISBN 978-1-56065-583-1

Saunders-Smith, Gail. *Leaves*. Capstone Press, 1998. Learn the functions of leaves and the details of how leaves utilize light to make food for themselves. ISBN 978-1-56065-770-5

Saunders-Smith, Gail. *Picking Apples*. Capstone Press, 1998. Learn how apples are harvested in this final book of the apple series by this author. ISBN 978-1-56065-585-5

Saunders-Smith, Gail. *Seeds*. Capstone Press, 1998. Learn the functions of seeds through colorful photographs and simple text. ISBN 978-1-56065-771-2

Saunders-Smith, Gail. *Stems*. Capstone Press, 1998. Learn the functions of stems through colorful photographs and simple text. ISBN 978-1-56065-772-9

Saunders-Smith, Gail. *Sunflowers*. Capstone Press, 2000. Learn the life cycle of the sunflower in this primary reader that has color photographs. ISBN 978-1-56065-948-8

Schaefer, Lola. *Honey Bees and Flowers*. Capstone Press, 2000. With color photographs and simple text, this emerging reader describes a bee's visit to a flower. ISBN 978-0-7368-0232-1

Schaefer, Lola. *Honey Bees and Hives*. Capstone Press, 1999. With color photographs and simple text, this emerging reader describes what happens in a beehive. ISBN 978-0-7368-0230-7

Schaefer, Lola. *Honey Bees and Honey*. Capstone Press, 2000. With color photographs and simple text, this emerging reader describes how honey is made by bees and is then gathered. ISBN 978-0-7368-0233-8

Schaefer, Lola. *Pick, Pull, Snap! Where Once a Flower Bloomed*. Greenwillow Books, 2003. Through colorful illustrations and fold-out pages, learn how flowers produce peaches, peas, and even peanuts. ISBN 978-0-688-17834-5

Schaefer, Lola M. *We Need Farmers*. Capstone Press, 1999. This emerging reader shows the many types of farmers that grow the products we consume. ISBN 978-0-7368-4827-5

► Schatzer, Jeffery L. *The Runaway Garden*. Mitten Press, 2007. A tale about how the plants in the garden come alive at night. ISBN 978-1-58726-436-8

Schomp, Virginia. *If You Were a Farmer*. Benchmark Books, 2000. This descriptive simple text, with colorful photographs, describes many different kinds of farmers and what they do. ISBN 978-0-7614-1001-0

Schuette, Sarah L. *Let's Look at Spring/Veamos la Primavera*. Capstone Press, 2008. Readers will observe, investigate, and predict changes in plants, animals and weather in spring. Text in Spanish and English. ISBN 978-1-4296-2289-9

Schuette, Sarah L. *Let's Look at Summer/Veamos el Verano*. Capstone Press, 2008. Readers will observe, investigate, and predict changes in plants, animals and weather in summer. Text in Spanish and English. ISBN 978-1-4296-2290-5

► Schuh, Mari. *All Kinds of Gardens*. Capstone Press, 2010. A simple book about the types of gardens that can be of wild flowers, vegetables or in a container. ISBN 978-1-4296-3981-1

► Schuh, Mari. *Animals in the Garden*. Capstone Press, 2010. An introduction to animals found in the garden and their roles. ISBN 978-1-4296-3982-8

Schuh, Mari C. *Chickens on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses chickens that are raised for meat and eggs. ISBN 978-0-7368-0991-7

Schuh, Mari C. *Cows on the Farm*. Capstone Press, 2001. Learn, through photographs and primary text, how farmers raise cows. ISBN 978-0-7368-0992-4

Schuh, Mari C. *Drinking Water*. Capstone Press, 2006. Learn how water helps keep your body healthy. ISBN 978-0-7368-6926-3

Schuh, Mari C. *The Fruit Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how fruit should be a part of your diet. ISBN 978-0-7368-6922-5

Schuh, Mari C. *The Grain Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how grains should be a part of your diet. ISBN 978-0-7368-6923-2

► Schuh, Mari. *Growing a Garden*. Capstone Press, 2010. An introduction to planting and taking care of a garden. ISBN 978-1-4296-3984-2

Schuh, Mari C. *Healthy Snacks*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how healthy snacks should be a part of your diet. ISBN 978-0-7368-6927-0

Schuh, Mari C. *Horses on the Farm*. Capstone Press, 2002. Through photographs, this emerging reader discusses how horses are used and cared for on a farm. ISBN 978-0-7368-1189-7

Schuh, Mari C. *The Meat and Beans Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how meat and beans should be a part of your diet. ISBN 978-0-7368-6924-9

Schuh, Mari C. *The Milk Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how dairy products should be a part of your diet. ISBN 978-0-7368-6925-6

Schuh, Mari C. *Pigs on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses pigs that are raised on a farm. ISBN 978-0-7368-0993-1

Schuh, Mari C. *Sheep on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses sheep that are raised for meat, wool and milk. ISBN 978-0-7368-0994-8

► Schuh, Mari. *Tools for the Garden*. Capstone Press, 2010. A simple book about tools you use for gardening. ISBN 978-1-4296-3983-5

Schuh, Mari C. *The Vegetable Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how vegetables should be a part of your diet. ISBN 978-0-7368-6928-7

Seuss, Dr. *The Lorax*. Random House Books for Young Readers, 1998. This classic tale about the Lorax, the Once-ler, and the Truffula Trees is a catalyst for questions about natural resources and their use. ISBN 978-0-394-82337-9

Shannon, George. *Climbing Kansas Mountains*. Simon & Schuster, 1993. A young boy and father share the beauty of a Kansas farm and landscape. ISBN 978-0-02-782181-9

Shapiro, Jody Fickes. *Up, Up, Up! It's Apple Picking Time*. Scholastic, 2004. Learn about the many varieties of apples when Miles and his family pick apples in Grandma and Grandpa's California orchard. ISBN 978-0-439-68988-5

Shepard, Daniel. *All Kinds of Farms*. Capstone Press, 2004. With simple text and color photographs, learn about several kinds of farms. ISBN 978-0-7368-2912-0

► Siddals, Mary McKenna. *Compost Stew: An A to Z Recipe for the Earth*. Random House, Inc., 2010. Learn how to make compost using the ABCs. ISBN 978-1-58246-316-2

Sillifant, Alec. *Farmer Ham*. North-South Books, 2007. With the noisy crows in his corn field growing in number, what can a farmer do? Farmer Ham solves this agriculture problem with some creativity. ISBN 978-0-7358-2134-7

► Slade, Suzanne. *What if There Were No Bees?* Picture Window Books, 2011. A book about the grassland ecosystem showing what would happen to the ecosystem if bees disappeared. ISBN 978-1-4048-6019-3

Slawson, Michele Benoit. *Apple Picking Time*. Dragonfly Books, 1998. Describes the old-time way of picking apples and the emotions and pride Anna and her family gain. ISBN 978-0-517-88575-8

Sloat, Teri. *Farmer Brown Shears His Sheep*. Scholastic, 2001. In this whimsical picture book with simple text, learn how a sheep is sheared and how the wool is processed and made into colorful sweaters. ISBN 978-0-7894-2637-6

Sloat, Teri. *Patty's Pumpkin Patch*. G. P. Putnam's Sons, 1999. Patty's pumpkin patch is busy all year from plowing to planting to weeding to picking. This book shows in alphabetical fashion the creepy-crawly and feathered friends that live there. ISBN 978-0-399-23010-3

► Sloat, Teri and Betty Huffman. *Berry Magic*. Alaska Northwest Books, 2004. An Alaskan folk story about Anana, a young girl who spreads different types of berries in her village's fields. ISBN 978-0-88240-575-9

Small, David. *George Washington's Cows*. Live Oak Media, 2005. Humorous rhymes about George Washington's farm, where the cows wear dresses, the pigs wear wigs, and the sheep are scholars. ISBN 978-0-374-42534-0

► Smucker, Anna Egan. *Golden Delicious: A Cinderella Apple Story*. Albert Whitman & Company, 2008. Discover the role of cross-pollination in developing new varieties of apples through this true story about the Stark Brothers' quest for the world's best apple. ISBN 978-0-8075-2987-4

Spaulding, Dean T. *Housing Our Feathered Friends*. Lerner Publications Company, 1997. Learn a variety of ways to make birdhouses and some interesting facts about these birds. ISBN 978-0-8225-3176-0

Spilsbury, Louise. *Apples*. Heinemann Library, 2001. Find out where apples are grown and how they get from the farm to your table. ISBN 978-0-431-12718-7

## Primary (Grades PreK-3)

Spilsbury, Louise. *Bananas*. Heinemann Library, 2002. Find out where bananas are grown and how they get from the farm to your table. ISBN 978-0-431-12770-5

Spilsbury, Louise. *Bean*. Heinemann Library, 2005. Take a look at the life cycle of a bean through pictures and text. ISBN 978-1-4034-6774-4

Spilsbury, Louise. *Oranges*. Heinemann, 2002. Find out how oranges are grown and how they get from the farm to your table. ISBN 978-1-4034-4048-8

Spilsbury, Louise. *Rice*. Heinemann, 2001. Find out where rice is grown and what happens to it on the way from the farm to your table. ISBN 978-1-4034-4050-1

Spilsbury, Louise and Richard Spilsbury. *How Do Plants Grow?* Heinemann Library, 2006. Explains how plants make food and change as they grow. ISBN 978-0-431-01809-6

Spilsbury, Louise and Richard Spilsbury. *What is a Plant?* Heinemann Library, 2006. Explains why plants have leaves, which plants do not grow fruit, and what spores are. ISBN 978-0-431-01808-9

Spilsbury, Louise and Richard Spilsbury. *Where Do Plants Grow?* Heinemann Library, 2006. Explains how plants survive in a desert, why some flowers have furry petals, and which trees do not lose their leaves in fall. ISBN 978-1-4034-7367-7

Spilsbury, Louise and Richard Spilsbury. *Why Do Plants Have Flowers?* Heinemann Library, 2006. Explains what pollen is, why some flowers are so colorful, and why plants make fruit. ISBN 978-1-4034-7368-4

Spur, Elizabeth. *Farm Life*. Holiday House, 2003. Learn to count from one to 10 with colorful barns full of interesting surprises. ISBN 978-0-8234-1777-3

Stefancin, Kathleen. *The Fish Who Wished He Could Eat Fruit*. Smart Picks, Inc., 2007. Students discover the benefits of eating fruit as they follow the adventures of Theo the fish. Audio narration included. ISBN 978-0-9764785-1-5

Stefancin, Kathleen. *The Fruit Flies' Picnic*. Smart Picks, Inc., 2005. Have a picnic with some fruit flies who introduce various fruits and colors. ISBN 978-0-9764785-0-8

Stevens, Janet. *Tops and Bottoms*. Harcourt Brace and Co., 1997. Folktale involves a hare and a bear as they plant and harvest vegetables. ISBN 978-0-15-292851-3

Stevens, Janet and Susan Stevens Crummel. *Cook-A-Doodle-Do*. Harcourt Brace & Company, 2005. An old family recipe, four family friends, and a bit of true facts make this book a belly of laughs for beginning bakers and gourmet chefs alike. ISBN 978-0-15-205658-2

Stewart, Sarah. *The Gardener*. Farrar Straus Giroux, 2000. A series of letters tells a girl who, when forced to leave the country, takes her love of gardening with her. ISBN 978-0-374-42518-0

Stewig, John Warren. *Making Plum Jam*. Hyperion Books for Children, 2002. Jackie, a city kid, visits her aunts' farm and has a whimsical adventure while helping with the simple task of making plum jam. ISBN 978-0-7868-0460-3

Strand, Claudia. *Hello, Fruit Face!: The Paintings of Giuseppe Arcimboldo*. Prestel Publishing, 1999. In the fantastic portraits by the 16th-century Italian painter Giuseppe Arcimboldo, compositions of fruit, vegetables, flowers, and books, animals, or garden tools magically turn into vivid depictions of beautiful young women, weathered old men, or the personifications of the seasons and the elements. ISBN 978-3-7868-0460-7

Tagliaferro, Linda. *Bees and Their Hives*. Capstone Press, 2004. Through colorful photographs and simple text, imagine living in a home with 20,000 other bees. ISBN 978-0-7368-2382-1

Tagliaferro, Linda. *The Life Cycle of an Apple Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to a tree that blossoms and fruits. ISBN 978-0-7368-6709-2

Tagliaferro, Linda. *The Life Cycle of a Bean*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to bean pods. ISBN 978-0-7368-6710-8

Tagliaferro, Linda. *The Life Cycle of a Carrot*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to carrot. ISBN 978-0-7368-6713-9

Tagliaferro, Linda. *The Life Cycle of an Oak Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation from acorn to seedling to adult tree. ISBN 978-0-7368-6711-5

Tagliaferro, Linda. *The Life Cycle of a Pine Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation over many years from a pine cone seed to a tree with needles and pine cones of its own. ISBN 978-0-7368-6712-2

Tagliaferro, Linda. *The Life Cycle of a Sunflower*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to flowering plant. ISBN 978-0-7368-6714-6

Tang, Greg. *The Grapes of Math*. Scholastic Press, 2004. Use a few problem-solving techniques to solve the math puzzles in this book. Many have themes of fruits, vegetables, and insects. ISBN 978-0-439-59840-8

Taus-Bolstad, Stacy. *From Grass to Milk*. Lerner Publishing Company, 2003. Through color photographs, learn how farmers work to get the milk you drink to the kitchen table. ISBN 978-0-8225-4664-1

Taylor, Miles. *Food Comes from Farms*. National Geographic, 2003. Colorful photographs depict where the food we eat comes from. ISBN 978-0-7922-4316-8



Thompson, Gare. *Harvest Festivals*. National Geographic, 2002. Learn about different harvest festivals that people have around the world. ISBN 978-0-7922-8506-9

Titherington, Jeanne. *Pumpkin Pumpkin*. Mulberry, 1986. A young boy plants a pumpkin seed and, after watching it grow, carves it and saves some seeds to plant in the spring. ISBN 978-0-688-09930-5

Tolstoy, Aleksei and Niamh Sharkey. *The Gigantic Turnip*. Barefoot Books, 2005. This nineteenth century Russian story shows how a farmer and his wife pull a gigantic turnip out of the ground with the help of their friends. ISBN 978-1-905236-72-5

Tomecek, Steve. *Dirt*. National Geographic Society, 2002. A mole guides you through the world beneath your feet and teaches the importance of soil. ISBN 978-0-7922-8204-4

► Townsend, Una Belle. *Grady's in the Silo*. Pelican Publishing Company, 2003. A unique tale of Grady, a big red Hereford cow that finds herself stuck inside the farm's silo. People from around the world try to help Bill, the farmer, save Grady. ISBN 978-1-58980-098-4

► Trapani, Iza. *Here We Go Round the Mulberry Bush*. Charlesbridge Publishing, 2006. The traditional nursery rhyme is expanded into a lively story when pesky insects and animals invade the garden. ISBN 978-1-57091-663-2

Trumbauer, Lisa. *Corn*. Yellow Umbrella Books, 2006. Describes the history of corn in North America, corn products we use today and how corn is grown. ISBN 978-0-7368-5846-5

Trumbauer, Lisa. *The Story of Orange Juice*. Yellow Umbrella Books, 2006. From pollination to processing plant, this narrative follows the transformation of fruit on the tree into juice in your glass. ISBN 978-0-7368-5838-0

Tryon, Leslie. *Albert's Field Trip*. Atheneum, 1993. Albert leads a class from Pleasant Valley School on a field trip to Georgie and Gracie's apple farm. There are songs on the bus and a visit to a barn and the orchard, where the children pick their own apples and squeeze them into juice. ISBN 978-0-689-31821-4

Tudor, Tasha. *Corgiville Fair*. Little Brown, 1998. Chronicles the events of the Corgiville Fair, especially the actions of Edgar Tom Cat in his attempt to win the goat race. ISBN 978-0-316-85312-5

Tunkin, David. *How Does My Garden Grow?* National Geographic, 2003. Learn that plants in the garden need sunlight, water, and soil to grow. ISBN 978-0-7922-4264-2

Tunkin, David. *A Tree's Life*. National Geographic, 2003. This early nonfiction reader explains the life cycle of a pine tree. ISBN 978-0-7922-4313-7

► Ungaro, Ellen. *What is Soil?* Newbridge Educational Publishing, 2007. Learn all about soil. ISBN 978-1-4007-5330-7

► Urbigkit, Cat. *Brave Dogs, Gentle Dogs*. Boyds Mills Press, 2005. This book explains how guardian dogs and sheep form bonds that last a lifetime. ISBN 978-1-59078-317-7

► Urbigkit, Cat. *Brave Dogs, Gentle Dogs/Perros Guardianes, Perros Valientes*. Boyds Mills Press, 2005. This book in English and Spanish explains how guardian dogs and sheep form bonds that last a lifetime. ISBN 978-1-59078-674-1

► van Lieshout, Elle. *The Wish*. Boyds Mills Press, 2006. Winter is dragging on, the vegetable garden is barren, Lila is hungry, and she wishes she had flour to make bread. ISBN 978-1-932425-91-8

► Van Patter, Bruce. *Tucker Took It!* Boyds Mills Press, 2010. A story about a goat who loves corn, but does not want to wait until it is ready to pick. Read along as items disappear from the farm animals. ISBN 978-1-59078-698-7

Waddell, Martin. *Farmer Duck*. Candlewick, 1996. In this whimsical story, see what a duck does to take care of a farm. ISBN 978-1-56402-596-8

Waddell, Martin. *The Pig in the Pond*. Candlewick Press, 2007. On one of the hottest days of the summer, the pig on Neligan's farm takes a dive—and he's not the only one! ISBN 978-1-4063-1098-6

Wallace, Carol. *Turkeys Together*. Holiday House, 2005. In this beginning reader, two mother turkeys are afraid to leave their nests because their eggs are being stolen until a pointer puppy offers them a solution. ISBN 978-0-8234-1895-4

Wallner, Alexandra. *Beatrix Potter*. Holiday House, 1998. Learn the story of the author Beatrix Potter, the author of the famous stories about Peter Rabbit. ISBN 978-0-8234-1407-9

► Watterson, Carol. *Alfabet A to Z*. British Columbia Agriculture in the Classroom Foundation, 2009. New and emerging readers will discover many new sights, sounds, smells, and flavors from agriculture while learning how agriculture enriches their lives. ISBN 978-0-9812317-0-9

Weatherby, Brenda. *The Trucker*. Scholastic, Inc., 2004. Learn about the important job truckers have transporting goods from one location to the next. ISBN 978-0-439-39877-0

White, Linda. *Too Many Pumpkins*. Live Oak Media, 2004. Rebecca Estelle finds a creative way to share her pumpkins when she accidentally plants and produces too many. ISBN 978-1-59112-831-1

► White, Nancy. *Seeds Get Around*. Newbridge Educational Publishing, 2007. Seeds get transported in various ways to make new plants. ISBN 978-1-4007-6337-5

Whitehouse, Patricia. *Brown Foods*. Heinemann Library, 2003. Find out where the brown foods, such as almonds and olives, come from. ISBN 978-1-4034-3840-9

## Primary (Grades PreK-3)

Whitehouse, Patricia. *Flowers*. Heinemann Library, 2002. This book introduces the physical characteristics, life cycle, and role of flowers in the world of plants. ISBN 978-1-58810-729-9

Whitehouse, Patricia. *Green Foods*. Heinemann Library, 2002. Find out where the green foods, such as broccoli and honeydew, come from. ISBN 978-1-58810-836-4

Whitehouse, Patricia. *Leaves*. Heinemann Library, 2002. This book described the physical characteristics, function, and uses of leaves. ISBN 978-1-58810-730-5

Whitehouse, Patricia. *Orange Foods*. Heinemann Library, 2003. Find out where the orange foods, such as cantaloupe and oranges, come from. ISBN 978-1-4034-3841-6

Whitehouse, Patricia. *Plant ABC*. Heinemann Library, 2002. This book illustrates “a” for apple, “j” for jasmine, and “z” for zucchini, along with brief explanatory text about various plants. ISBN 978-1-58810-733-6

Whitehouse, Patricia. *Plant Math*. Heinemann Library, 2002. Count to 10 with plant photos. ISBN 978-1-58810-734-3

Whitehouse, Patricia. *Red Foods*. Heinemann Library, 2002. Find out where the red foods, such as red onions and kidney beans, come from. ISBN 978-1-58810-744-2

Whitehouse, Patricia. *Roots*. Heinemann Library, 2002. This book describes the sizes, shapes, and colors of roots, as well as their function and uses to humans and other animals. ISBN 978-1-58810-731-2

Whitehouse, Patricia. *Seeds*. Heinemann Library, 2002. Learn about the purpose of seeds by exploring all sizes and shapes of this crucial plant part. ISBN 978-1-84421-067-1

Whitehouse, Patricia. *White Foods*. Heinemann Library, 2002. Find out where the white foods, such as cauliflower and bean sprouts, come from. ISBN 978-1-58810-746-6

Whitehouse, Patricia. *Yellow Foods*. Heinemann Library, 2002. Find out where the yellow foods, such as lemons and wax beans, come from. ISBN 978-1-58810-745-9

Wolfman, Judy. *Life on a Crop Farm*. Lerner Publishing Company, 2001. Learn the best way to pick asparagus or when to pick sweet corn, and learn about the planting, picking, and selling of the produce we eat. ISBN 978-1-57505-518-3

Wolfman, Judy. *Life on a Goat Farm*. Carolrhoda Books, 2001. Describes the practices that occur on a goat farm and includes information on breeds, care, milking, and more. ISBN 978-1-57505-515-2

Wolfman, Judy. *Life on a Pig Farm*. Carolrhoda Books, 2001. Through photographs and informative text, the reader learns about the life on a pig farm, like raising piglets, doing chores, and going to the annual fair. ISBN 978-1-57505-236-6

Wood, Lily. *Bats*. Scholastic Inc., 2001. Learn about bats in this book full of facts and photographs. ISBN 978-0-439-29582-6

► Worth, Bonnie. *Oh Say Can You Seed?* Random House Books, 2001. Learn all about flowering plants with the Cat in the Hat. ISBN 978-0-375-81095-4

► Young, Mary. *We Like to Live Green*. Hohm Press, 2010. Encourages a basic appreciation for the Earth and all creatures. ISBN 978-1-935387-00-8

► Young, Mary. *We Like to Live Green/Nos Gusta Vivir Verde*. Hohm Press, 2010. This bi-lingual book encourages a basic appreciation for the Earth and all creatures. ISBN 978-1-935387-01-5

Yu, Norman. *Cotton Comes from Plants*. National Geographic, 2003. Learn how cotton is grown and made into the clothes we wear. ISBN 978-0-7922-4331-1

Yunk, Dan. *Milk Comes From a Cow?* The Kansas Farm Bureau, 2007. Kailey learns where milk really comes from when visiting her grandma in the country. ISBN 978-0-9797653-0-8

Yunk, Dan and Steve Swaffar. *The Soil Neighborhood*. The Kansas Farm Bureau, 2008. Kailey discovers the many essential components in a productive soil neighborhood. ISBN 978-0-9797653-1-5

Zahares, Wade. *Red are the Apples*. Gulliver Books, 2001. Share a day on the farm and learn about the amazing colors one sees in the country. ISBN 978-0-15-201917-4

Ziefert, Harriet. *A New Coat for Anna*. Knopf Publishing Group, 1991. Anna visits the sheep that provide the wool and all the people involved in making her winter coat. ISBN 978-0-394-89861-2

## Intermediate Grades 4-6

### ► Indicates new for 2011-2012

Ada, Alma Flor. *Gathering the Sun*. Rayo, 2001. A book of poems in English and Spanish about migrant farm laborers working the fields; one poem for each letter of the Spanish alphabet. ISBN 978-0-688-17067-7

Adler, Karen. *California Grapes*. Karen Adler Books, 2004. This children's book helps students understand how grapes came to California and the process involved in getting them from the vineyard to their tables. ISBN 978-0-9679772-4-9

Alarcon, Francisco X. *Laughing Tomatoes*. Children's Book Press, 2005. Selected poems, in both English and Spanish, relate to different food products, such as tomatoes, corn, and chiles. ISBN 978-0-89239-199-8

► Anderson, Susan and JoAnne Buggy. *Pigs and Pork in the Story of Agriculture*. Northwest Arm Press, 2009. This colorful book introduces elementary students to the five stages of pigs and pork as they make their way from farm to table. ISBN 978-1-926781-01-3

► Anderson, Susan and JoAnne Buggy. *Soybeans in the Story of Agriculture*. Northwest Arm Press, 2009. This book introduces students to steps of production for soybeans as they make their way from farm to table. Facts about soybeans and soybean activities are also included. ISBN 978-0-9811335-2-2

Anthony, Joseph. *The Dandelion Seed*. Dawn Publications, 1997. A dandelion's journey is filled with challenge, wonder, and beauty. Follow the life cycle of this small and resilient seed. ISBN 978-1-883220-67-9

Arnold, Caroline. *Wiggle and Waggle*. Charlesbridge, 2007. Follow Wiggle and Waggle, two wormy best friends, through five chapters as they dig in the dirt and work hard. ISBN 978-1-58089-306-0

Artley, Bob. *Once Upon a Farm*. Pelican Publishing Company, 2000. Through detailed illustrations and text, this book shows the seasons of an old-time farm. ISBN 978-1-56554-753-7

Atwell, Debby. *Barn*. Houghton Mifflin Company, 2001. Using text and paintings, the life of a country barn is followed from the late eighteenth-century to the present day. ISBN 978-0-395-78568-3

Bates, Katharine Lee. *America the Beautiful*. G. P. Putnam's Sons, 2005. An illustrated edition of the nineteenth-century poem, later set to music, celebrates the beauty of America. ISBN 978-0-399-23885-7

Batten, Mary. *Aliens from Earth*. Peachtree Publishers, Ltd, 2003. An intriguing introduction to the serious and ongoing environmental problems caused by invasive plant and animal species and ideas on what young readers can do to minimize their impact on the environment. ISBN 978-1-56145-450-1

Beadle, David. *The Day the Trash Came Out to Play*. Ezra's Earth Publishing, 2004. This book uses imagination to share the message about recycling and preventing litter. ISBN 978-0-9727855-0-1

Bial, Raymond. *A Handful of Dirt*. Walker & Company, 2000. You'll never look at the ground you walk on in the same way after you've taken this down-in-the-earth photographic tour of one of Earth's most common but precious resources. ISBN 978-0-8027-8698-2

► Blackaby, Susan. *Water Wise*. Picture Window Books, 2009. After hearing the drip, drip, drip of the bathroom faucet, Kelly decides it is up to her to teach her brother about the water cycle and how to conserve water. ISBN 978-1-4048-5260-0

Blaisdell, Molly. *Surprising Beans*. Picture Window Books, 2008. Kayla is unhappy when she has to help the family grow beans, but her attitude changes and she finds fun in growing beans. ISBN 978-1-4048-2290-0

► Bregoli, Jane. *The Goat Lady*. Tilbury House Publishers, 2004. A story about a lady who raises goats and helps others in need. ISBN 978-0-88448-309-0

Caduto, Michael J. and Joseph Bruchac. *Native American Gardening: Stories, Projects and Recipes for Families*. Fulcrum Publishing, 1996. Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening, such as soil preparation or harvest. ISBN 978-1-55591-148-5

► Caduto, Michael and Joseph Bruchac. *Native Plant Stories*. Fulcrum Publishing, 1995. Native plant legends from 18 Native American tribes. ISBN 1-55591-212-5

California School Garden Network. *Gardens for Learning*. California School Garden Network, 2006. This comprehensive guidebook provides a strong foundation to support the growing school garden movement. ISBN 978-0-9788693-0-4

Cheng, Andrea. *When the Bees Fly Home*. Tilbury House Publishers, 2002. Jonathan learns how his family earns a living from beekeeping. ISBN 978-0-88448-238-3

Cole, Joanna and Bruce Degen. *The Magic School Bus: Inside a Beehive*. Scholastic Inc, 1998. When the Magic School Bus turns into a beehive, Ms. Frizzle's students change into honey bees. They must gain entry into a hive so they can see firsthand just how the workers, drones, and queen bee live together. ISBN 978-0-590-25721-3

## Intermediate (Grades 4-6)

Collins, David. *Pioneer Plowmaker: A Story About John Deere*. Hobar Publications, 2001. John Deere, a young blacksmith in the mid-1880s, created a plow that dirt would not stick to during a potentially disastrous time in Ohio. ISBN 978-0-913163-32-0

► Cooper, Elisha. *Farm*. Scholastic, 2010. Describes the activities throughout the year on a busy family farm. ISBN 978-0-545-07075-1

► Cowley, Joy. *Where Horses Run Free*. Boyds Mills Press, 2003. A story about a cowboy who discovers wild mustangs have been captured and wants to set them free. ISBN 978-1-59078-062-6

Cronin, Doreen. *Diary of a Worm*. Joanna Cotler, 2003. This hysterical journal provides an inside look at the hidden world of a comical worm. ISBN 978-0-06-000150-6

DeAngelis, Therese. *The Ojibwa: Wild Rice Gatherers*. Blue Earth Books, 2003. Learn how the Ojibwa plant, harvest, and mill wild rice in the Great Lakes. ISBN 978-0-7368-1537-6

► DeLaCroix, Alice. *The Best Horse Ever*. Holiday House, 2010. Abby's going to finally have her very own horse: Griffin, a beautiful bay. As Abby learns how to manage her new horse, she also learns how to maintain an old friendship. ISBN 978-0-8234-2254-8

Demi. *One Grain of Rice*. Scholastic Inc, 1997. This mathematical folktale illustrates the concept of doubling, using rice as the example. ISBN 978-0-590-93998-0

Dooley, Norah. *Everybody Bakes Bread*. Carolrhoda Books, 1995. A story that introduces children to many different kinds of breads and the recipes to make them. ISBN 978-0-87614-895-2

Dooley, Norah. *Everybody Cooks Rice*. Carolrhoda Books, 1992. A girl's adventure at dinnertime introduces her to a variety of cultures and the ways that rice is used in the evening meal. ISBN 978-0-87614-591-3

Dragonwagon, Crescent. *Home Place*. Aladdin Books, 1993. While out hiking, a family comes upon the site of an old house and finds some clues about the people who once lived there. ISBN 978-0-689-71758-1

Driscoll, Laura. *George Washington Carver: The Peanut Wizard*. Grosset & Dunlap, 2003. This student-friendly book teaches children about George Washington Carver and his impact on agriculture through peanuts. ISBN 978-0-448-43243-4

Durrant, Lynda. *The Sun, the Rain, and the Apple Seed*. Clarion Books, 2003. Historical fiction about real-life American folk hero Johnny Appleseed. ISBN 978-0-618-23487-5

► Dussling, Jennifer. *Picky Peggy*. Kane Press, 2004. Follow Peggy and her baby duck, Fluff, as they discover healthy foods. ISBN 978-1-57565-138-5

► Ekarius, Carol. *Pocketful of Poultry*. Storey Publishing, 2007. In this handbook, discover interesting facts about chickens, turkeys, ducks, and geese. ISBN 978-1-58017-677-4

Fandel, Jennifer. *Louis Pasteur and Pasteurization*. Capstone Press, 2007. Formatted like a graphic novel, this book tells the story of Louis Pasteur's invention of the pasteurization process and the effects of this invention on the spread of disease through food. ISBN 978-0-7368-6844-0

Farmer, Jacqueline. *Apples*. Charlesbridge, 2007. This educational book features the history, uses, and anatomy of apples. Also includes recipes and nutritional information. ISBN 978-1-57091-694-6

Farmer, Jacqueline. *Bananas!* Charlesbridge, 1999. Learn how bananas grow, which animals eat bananas, how bananas make the long journey to your breakfast table, and much more. ISBN 978-0-88106-115-4

Fleischman, Paul. *Weslandia*. Candlewick Press, 2002. Learn how Wesley starts his own civilization when he plants his own garden. ISBN 978-0-7636-1052-4

Freeman Swain, Ruth. *How Sweet It Is and Was: The History of Candy*. Holiday House, 2003. Learn the story of how certain favorite candies were created, such as fudge, Tootsie Rolls, and taffy. ISBN 978-0-8234-1712-4

Freymann, Saxton and Joost Elffers. *Fast Food*. Arthur A. Levine Books, 2006. This picture book engages students with sculpted fruits and vegetables depicting modes of transportation. ISBN 978-0-439-11019-8

Freymann, Saxton and Joost Elffers. *Food for Thought*. Arthur Levine Books, 2005. Shapes, colors, numbers, letters, and opposites are introduced using whimsical sculptures made out of fresh fruits and vegetables. ISBN 978-0-439-11018-1

Fridell, Ron and Patricia Walsh. *Life Cycle of a Silkworm*. Heinemann Library, 2001. This book takes an in-depth look at the life cycle of a silkworm. ISBN 978-0-431-08462-6

Ganeri, Anita. *From Bean to Bean Plant*. Heinemann Library, 2006. Find out how beans grow, what a bean pod is, and how insects help bean plants grow. ISBN 978-0-431-05089-8

Gardiner, John Reynolds. *Stone Fox*. HarperTrophy, 1983. When Willy's grandfather falls ill, it is up to Willy to save the farm from the tax collector. He does so by entering a dog sled competition. ISBN 978-0-06-440132-6

Gates, Doris. *Blue Willow*. Smith Peter Books, 2000. Janey travels with her father and stepmother to wherever her father can find seasonal work. She dreams of a home like the one on her Blue Willow plate, which belonged to her deceased mother. ISBN 978-0-14-030924-9

► Gibbons, Gail. *The Berry Book*. Holiday House, 2002. This nonfiction book introduces students to different types of berries, and explains how varieties are cultivated and harvested. Includes recipes for blackberry jam, blueberry pie, and raspberry ice cream. ISBN 978-0-8234-1697-4

Gibbons, Gail. *Corn*. Holiday House, 2008. This book offers information about the history of corn as well as details concerning planting, cultivating, harvesting, and its many uses. ISBN 978-0-8234-2169-5

Gibbons, Gail. *The Honey Makers*. HarperTrophy, 2000. Learn how thousands of bees work together to make hives and honey. ISBN 978-0-688-17531-3

Gibbons, Gail. *Ice Cream: The Full Scoop*. Holiday House, 2008. Mouths will water as readers follow ice cream's journey from farm to factory to freezer. ISBN 978-0-8234-2155-8

Gibbons, Gail. *The Vegetables We Eat*. Holiday House, 2008. Enjoy a wealth of information about a variety of vegetables, from how they are planted to how they get to stores. ISBN 978-0-8234-2153-4

Giesecke, Ernestine. *Desert Plants*. Heinemann Library, 1999. Discover how prickly spines help a cactus, why some cactus have pleats, and what creature depends on the Joshua tree. ISBN 978-1-4034-0527-2

Giesecke, Ernestine. *Forest Plants*. Heinemann Library, 1999. Discover what skunk cabbage is, if ferns have seeds, and why leaves are green. ISBN 978-1-4034-0528-9

Giesecke, Ernestine. *Pond Plants*. Heinemann Library, 1999. Discover what kind of animal likes to eat cattails, what is special about the stems of lily pads, and what kind of pond plant eats little insects. ISBN 978-1-4034-0530-2

Giesecke, Ernestine. *River Plants*. Heinemann Library, 1999. Discover if mosses have roots, where birds like to build their nests by the river, and how the river helps spread the willow tree's seeds. ISBN 978-1-4034-0531-9

Giesecke, Ernestine. *Seashore Plants*. Heinemann Library, 1999. Discover what a taproot is, what kind of pea grows at the seashore, and how plants help the sand dunes. ISBN 978-1-4034-0532-6

Giesecke, Ernestine. *Wetland Plants*. Heinemann Library, 1999. Discover how many kinds of wetlands exist, why Venus flytraps eat insects and spiders, and where cranberries grow. ISBN 978-1-4034-0529-6

Godwin, Sam. *A Seed in Need*. Picture Window Books, 2001. Follow the life cycle of a sunflower seed in this colorful book. ISBN 978-1-4048-0920-8

Greenwood, Barbara. *A Pioneer Sampler*. Houghton Mifflin, 1998. Looks into a year in the life of the Robertsons, a pioneer family on a backwoods farm in 1840. Includes activities for students. ISBN 978-0-395-88393-8

Gunderson, Jessica. *Eli Whitney and the Cotton Gin*. Capstone Press, 2007. Formatted like a graphic novel, this book tells the story of how Eli Whitney invented the cotton gin and the effects it had on the South. ISBN 978-0-7368-6843-3

Gunderson, Jessica. *The Sunflower Farmer*. Picture Window Books, 2008. Troy's dream is to be a farmer like his grandfather, so his mother helps him plant sunflowers but a disaster strikes. Does the flower survive? ISBN 978-1-4048-2293-1

Gunderson, Mary. *Cowboy Cooking*. Blue Earth Books, 2000. Learn about roundups and trail drives through the recipes cowboys enjoyed throughout history. ISBN 978-0-7368-0353-3

Gunderson, Mary. *Oregon Trail Cooking*. Blue Earth Books, 2000. Explore history through Oregon Trail cooking, recipes, and stories. ISBN 978-0-7368-0355-7

Gunderson, Mary. *Pioneer Farm Cooking*. Blue Earth Books, 2000. Explore history through pioneer farm cooking, recipes, and stories about food storage and cooking. ISBN 978-0-7368-0356-4

Gunderson, Mary. *Southern Plantation Cooking*. Blue Earth Books, 2000. Learn the history of southern plantations while reviewing recipes using the products from the large operations. ISBN 978-0-7368-0357-1

Hall, M.C. *John Deere*. Heinemann Library, 2004. Find out what John Deere's childhood was like, what he did before starting his company, and how to find out more about him. ISBN 978-1-4034-5335-8

Harbison, Elizabeth M. *Loaves of Fun*. Chicago Review Press, 1999. More than 50 recipes and activities take children on a multicultural journey throughout the ages and across the world to discover the history and uses of bread. ISBN 978-1-55652-311-3

Hardesty, Constance. *Grow Your Own Pizza: Gardening Plans and Recipes for Kids*. Fulcrum Publishing, 2000. For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots. ISBN 978-1-55591-398-4

Harris, Calvin. *Apple Harvest*. Capstone Press, 2008. This book introduces early readers to subject-specific vocabulary words while having fun learning about how an apple is harvested. ISBN 978-1-4296-0023-1

## Intermediate (Grades 4-6)

Hart, Avery and Mantell Hart. *Kids Garden!* Williamson Publishing Co, 1996. Using black and white illustrations, this book provides more than 100 activities children and their families or classmates can do to learn more about plants. ISBN 978-0-913589-90-8

Hartley, Karen and Chris Macro. *Bee*. Heinemann Raintree, 2006. Learn all about bees, from what they eat to how they move. Features detailed photographs of bees at work. ISBN 978-1-4034-8306-5

Hauck, Phillip E. *Plum Full of Prunes*. Dab Publishing, 1999. This tale is magically told as a plum tree progresses in development into a seed, a tree again, a branch, and finally into a happy prune plum. ISBN 978-0-9662228-5-2

► Hauck, Phillip E. *A Timeless Journey Told by Mr. Walnut*. Dab Publishing Company, 2000. The walnut has made a special place for itself within the cultures of the world. In this book, students discover the folklore and history of the walnut, while learning about botany, horticulture, and production agriculture. ISBN 978-0-9662228-7-6

Hayford, James. *Gridley Firing*. New England Press, 1989. The family farm is not doing well and young Martin is concerned that the rich contractor, who is buying up land, will buy his farm and build houses, which will move wildlife inhabitants out of their homes. ISBN 978-0-933050-49-5

Haywood, John. *Work, Trade, and Farming Through the Ages*. Anness Publishing, Ltd, 2003. Learn what the workers of ancient Egypt, Greece, and the Inca Empire did for a living. Find out what trades, professions, and skills were essential to keeping ancient societies running smoothly. ISBN 978-0-7548-0817-6

Heller, Ruth. *The Reason for a Flower*. Putnam Publishing Group, 1999. Brief text and lavish illustrations explain plant reproduction and the purpose of a flower. Uses unique flowering plants as examples. ISBN 978-0-698-11559-0

Hepworth, Catherine. *Antics!* The Putnam Publishing Group, 1996. This colorful, alphabetical anthology describes 26 words, each beginning with a different letter of the alphabet and containing the word "ant." ISBN 978-0-698-11350-3

► Hewitt, Sally. *Your Food*. Crabtree Publishing, 2009. Engage students with information about where their food comes from and how they can eat healthfully. ISBN 978-0-7787-4106-0

Hibbert, Clare. *The Life of an Apple*. Raintree, 2004. This book explains how an apple tree develops from a seed and creates new seeds inside fruit called apples. ISBN 978-1-4109-0922-0

Hiscock, Bruce. *The Big Tree*. Boyd Mills Press, 1999. Follows the development of a large old maple tree from its growth as a seed during the American Revolution to its maturity in the late 20th century. ISBN 978-1-56397-810-4

Hodges, Meredith. *Jasper: The Story of a Mule*. Lucky Three Productions, 2003. A heartwarming story that introduces children to mules and donkeys in an educational and entertaining way. ISBN 978-0-9702309-8-0

Hoena, B.A. *A Visit to the Farm/Una Visita a la Granja*. Capstone Press, 2008. This book describes and illustrates a visit to a farm in both English and Spanish. ISBN 978-1-4296-0082-8

Hong, Lily Toy. *The Empress and the Silkworm*. Albert Whitman & Company, 1995. Enjoy this Chinese legend about silk produced by tiny little worms. ISBN 978-0-8075-2009-3

Hopkinson, Deborah. *A Packet of Seeds*. HarperCollins, 2004. A packet of seeds brings hope to a pioneer family as they leave their home and journey west. ISBN 978-0-06-009089-0

Hopkinson, Deborah. *Up Before Daybreak: Cotton and People in America*. Scholastic, 2006. Trace the history of the cotton industry in America through the centuries, from colonial times to the middle of the twentieth century. ISBN 978-0-439-63901-9

Hopkinson, Deborah and Nancy Carpenter. *Apples to Oregon*. Atheneum, 2004. A tall tale about the obstacles that a father and daughter face while moving with their fruit trees from Iowa to Oregon in the mid-nineteenth century. ISBN 978-0-689-84769-1

Hunter, Sally M. *Four Seasons of Corn: A Winnebago Tradition*. Lerner Publications Company, 1996. Enjoy learning how the Native American Winnebagos grow and process corn and the traditions they have. ISBN 978-0-8225-9741-4

► Icenoggle, Jodi. *'Til the Cows Come Home*. Boyds Mills Press, 2004. A resourceful cowboy finds a way to use one beautiful piece of leather in a variety of situations, making the piece last 'til the cows come home. ISBN 978-1-59078-800-4

Iverson, Diane. *My Favorite Tree*. Dawn Publications, 1999. Read about the many trees of North America and learn their significant role in our history, traditions, ecology, and economy. ISBN 978-1-883220-93-8

Jimenez, Francisco. *Breaking Through*. Houghton Mifflin Company, 2001. This compelling autobiography tells the story of a young boy and his family and their struggle to survive economically. ISBN 978-0-618-34248-8

Jimenez, Francisco. *The Circuit*. University of New Mexico Press, 1997. This series of short stories about the life of a migrant child follows a family through their circuit of work over the years. ISBN 978-0-8263-1797-1

► Kalman, Bobbie. *In the Barn*. Crabtree Publishing, 1997. Find out about the history of the farm and the daily chores to be done. ISBN 978-0-86505-463-9

Kalman, Bobbie. *Life on the Ranch*. Crabtree Publishing Company, 1999. Provides historical information on ranchers of the Old West. Colorful pictures and photographs illustrate the complexity of this way of life. ISBN 978-0-7787-0103-3

Kalman, Bobbie. *What is a Plant?* Crabtree Publishing Company, 2000. Learn the basic anatomy of plants, unique characteristics, and how and why plants are essential in various ecosystems. ISBN 978-0-86505-982-5

Kalman, Bobbie and Lynda Hale. *Pioneer Recipes*. Crabtree Publishing Company, 2000. Using recipes as the theme, this book describes how pioneers obtained and grew the food they used to feed their community. ISBN 978-0-86505-468-4

Kalman, Bobbie and Tammy Everts. *Bugs and Other Insects*. Crabtree Publishing Company, 1995. Through colorful photographs, learn the anatomy of specific insects and some unique characteristics they have. ISBN 978-0-86505-713-5

Keeler, Patricia A. and Francis X. McCall, Jr. *Unraveling Fibers*. Atheneum, 1995. Text and photos show the raising and processing of natural fibers from plants and animals. ISBN 978-0-689-31777-4

► Kirby, Pamela. *What Bluebirds Do*. Boyds Mills Press, 2009. A book about bluebirds and how they raise their young. ISBN 978-1-59078-614-7

Kite, Patricia L. *Gardening Wizardry for Kids*. Barron's Educational Services, 1995. History and folklore associated with common fruits and vegetables and the methods for raising, eating, and crafting with them. ISBN 978-0-8120-8362-0

Kneidel, Sally. *Slugs, Bugs and Salamanders: Discovering Bugs in Your Garden*. Fulcrum Publishing, 1997. Emphasizes the role of insects and other animals in the garden. ISBN 978-1-55591-313-7

► Lackey, Jennifer. *The Biography of Wheat*. Crabtree Publishing Company, 2007. Read how wheat, one of the world's most important food crops, is grown, harvested, sold, and processed into food products. ISBN 978-0-7787-2531-2

Landau, Elaine. *Popcorn!* Charlesbridge, 2003. This book contains historical facts, legends, trivia, and recipes featuring the popular snack food. ISBN 978-1-57091-443-0

► Lassieur, Allison. *The Dust Bowl: An Interactive History Adventure*. Capstone Press, 2009. This book catapults readers into the 1930s, where they will reel from the effects of the Great Depression. Readers make decisions that determine the ending of their story. ISBN 978-1-4296-2343-8

► Latta, Sara L. *The Good, the Bad, the Slimy: The Secret Life of Microbes*. Enslow Publishers, Inc, 2006. Discover how microbes live in and on our bodies, help make food, live in extreme environments, and even change history. ISBN 978-0-7660-1294-3

Lauber, Patricia. *Earthworms: Underground Farmers*. Henry Holt and Company, 1994. Take a look at the world of earthworms and learn how important these creatures are to a healthy ecology. ISBN 978-0-8050-1910-0

Leavell, Chuck and Nicholas Cravotta. *The Tree Farmer*. VSP Books, 2005. This story explains the vital role trees play in our lives, providing us with the wood for our homes, furniture, and other products—and our responsibility to care for them. ISBN 978-1-893622-16-6

Lovejoy, Sharon. *Sunflower Houses*. Workman Publishing, 2001. Garden discoveries, tips for growing plants, folklore, and crafts for children of all ages. ISBN 978-0-7611-2386-6

► Macceca, Michael L. *The World of Plants*. Compass Point Books, 2010. Learn how plants make their own food from sunlight, water, air, and soil. Readers discover how plants are a food source for humans and animals, create products for everyday living, and provide oxygen to breathe. ISBN 978-0-7565-4304-4

► Macceca, Stephanie. *George Washington Carver*. Compass Point Books, 2010. A biography on how George Washington Carver overcame circumstances to become an expert on plants. ISBN 978-0-7565-4305-1

► MacDonald, Fiona. *Discovering World Cultures: Food*. Crabtree Publishing Company, 2001. Food is essential for life. Learn why different foods are popular in different parts of the world due to climate, cooking methods, and religious practices. ISBN 978-0-7787-0238-2

Markle, Sandra. *Outside and Inside Killer Bees*. Walker & Company, 2004. Colorful photographs teach about bees and some specifics on Africanized honey bees. ISBN 978-0-8027-8906-8

► Metivier, Gary. *A Hog Ate My Homework*. Wild Horses Publishing, 2009. Willie learns firsthand what a working farm is really like when sent to visit his aunt and uncle on an Iowa farm. ISBN 978-0-9818946-0-7

Micucci, Charles. *The Life and Times of the Honeybee*. Houghton Mifflin, 1997. Depicts the life cycle and habits of the honey bee, describing the organization of the hive and the making of honey. ISBN 978-0-395-86139-4

► Milway, Katie Smith. *The Good Garden*. Kids Can Press, Ltd, 2010. A story of a young girl in Honduras who helps her family and community produce more food through new farming methods. ISBN 978-1-55453-488-3

Monroe, Judy. *George Washington Carver: Scientist and Inventor*. Capstone Press, 2006. Learn how George Washington Carver found hundreds of uses for peanuts and sweet potatoes. ISBN 978-0-7368-4345-4

## Intermediate (Grades 4-6)

► Montgomery, Heather L. *How is Soil Made?* Crabtree Publishing, 2010. Introduces children to the organic and inorganic parts of soil, the nutrient cycles of plants, and decomposition. ISBN 978-0-7787-5414-5

Moore, Eva. *The Story of George Washington Carver*. Scholastic Inc, 1990. This biography describes the life of George Washington Carver, who was born a slave and became a world famous scientist. ISBN 978-0-590-42660-2

► Morgan, Sally. *Bees*. Crabtree Publishing, 2008. Find out about bee anatomy, functions, and importance of bees in the environment, and their history. ISBN 978-0-7787-4049-0

► Morgan, Sally. *Fish*. Crabtree Publishing, 2008. Read all about fish and the health benefits of eating fish. ISBN 978-0-7787-4053-7

Moses, Will. *Johnny Appleseed: The Story of a Legend*. Penguin Group, 2004. Colorful folk art accompanies the legend about John Chapman. ISBN 978-0-14-240138-5

Nagro, Anne. *Our Generous Garden*. Dancing Rhinoceros Press, 2008. Based on a successful school garden project, this book encourages young people to get outdoors and start growing. ISBN 978-0-9793739-4-7

► Nielsen, L. Michelle. *The Biography of Corn*. Crabtree Publishing Company, 2007. Maize, or corn, was the staple food of many early cultures in South America, Mesoamerica, and the Caribbean. Learn how corn production spread throughout the world. ISBN 978-0-7787-2527-5

O'Donnell, Liam. *Understanding Photosynthesis with Max Axiom Super Scientist*. Capstone Press, 2007. This graphic novel follows the adventures of Max Axiom as he explains the science behind photosynthesis. ISBN 978-0-7368-6841-9

O'Donnell, Liam. *The World of Food Chains with Max Axiom Super Scientist*. Capstone Press, 2007. This graphic novel follows the adventures of Max Axiom as he explains the science behind food chains. ISBN 978-0-7368-6839-6

Older, Jules. *Pig*. Charlesbridge, 2004. This entertaining book contains lots of facts and trivia about pigs. Various pig breeds are described and the origins of each are listed. ISBN 978-0-88106-109-3

Overbeck, Cynthia. *How Seeds Travel*. Lerner Publications Company, 1993. This book presents a look at seeds on the move. Colorful photographs trace the journeys made by seeds from such varied plants as the maple tree, the dandelion, pussy willow, and coconut palm. The role of seeds and fruit in plant reproduction is also explained. ISBN 978-0-8225-9569-4

► Owen, Ruth. *Growing and Eating Green*. Crabtree Publishing, 2009. This book showcases careers in organic farming, producing, and marketing. ISBN 978-0-7787-4864-9

Pallotta, Jerry. *The Spice Alphabet Book*. Charlesbridge, 1994. Information on the history, sources, and uses of herbs, spices, and other natural flavors. ISBN 978-0-88106-898-6

Pallotta, Jerry. *The Yummy Alphabet Book*. Charlesbridge, 1994. Welcome to a delectable alphabet adventure. Learn about herbs, spices, and natural flavors from around the world. ISBN 978-0-88106-897-9

Pancella, Peggy. *Farm Community*. Heinemann Library, 2006. Take a tour of the everyday sites found in a farm community and discover where people work, where children go to school, how people get around, and what places are unique to a farm community. ISBN 978-1-4034-6222-0

Paulsen, Gary. *Alida's Song*. Yearling, 2001. A grandmother reaches out to a young boy and arranges for him to have a summer job on a farm. ISBN 978-0-440-41474-2

Paulsen, Gary. *The Haymeadow*. Yearling, 1994. John Barron is asked to spend the summer taking care of six sheep and is not quite sure how he will survive. ISBN 978-0-440-40923-6

► Pennington, Daniel. *Itse Selu*. Charlesbridge Publishing, 1994. Join Little Wolf to celebrate the harvest of corn, a Cherokee tradition, where he partakes in a luscious feast, listens to a traditional folktale, and performs the sacred corn dance. ISBN 978-0-88106-850-4

► Peppas, Lynn. *Vehicles on the Farm*. Crabtree Publishing Company, 2011. Working on a farm can require many different vehicles that are described in this book. ISBN 978-0-7787-3065-1

Perez, L. King. *First Day in Grapes*. Lee & Low Books Inc, 2002. Learn how Chico and his family move up and down the state of California picking fruits and vegetables and about Chico's successes and challenges in school. ISBN 978-1-58430-045-8

Peterson, Cris. *Amazing Grazing*. Boyds Mills Press, 2002. Learn about grazing by examining real ranches throughout the country. ISBN 978-1-56397-942-2

Peterson, Cris. *Century Farm: One Hundred Years on a Family Farm*. Boyds Mills Press, 1999. Family anecdotes and family photos share the story of a 100-year farm as it grew from the 1890s into a thriving dairy. ISBN 978-1-56397-710-7

► Peterson, Cris. *Clarabelle: Making Milk and So Much More*. Boyds Mills Press, 2007. This book is about how cows produce much more than just milk. ISBN 978-1-59078-310-8

► Peterson, Cris. *Extra Cheese, Please!* Boyds Mills Press, 1994. Follow the cheese-making process from cow to pizza topping. ISBN 978-1-56397-177-1

► Peterson, Cris. *Fantastic Farm Machines*. Boyds Mills Press, 2006. Twelve big pieces of machinery are shown and their purposes are explained. ISBN 978-1-59078-271-2



Peterson, Cris. *Harvest Year*. Boyds Mills Press, 1996. Full-color photos and clear, concise text take readers month-by-month through a sampling of the wide diversity and volume of crops grown throughout the United States. ISBN 978-1-56397-571-4

► Peterson, Cris. *Seed Soil Sun: Earth's Recipe for Food*. Boyds Mills Press, 2010. Seed, soil, and sun are three ingredients for growing food. ISBN 978-1-59078-713-7

Pitts, Zachary. *The Pebble First Guide to Horses*. Capstone Press, 2008. A basic field guide format introduces 13 horse breeds. ISBN 978-1-4296-2802-0

Polacco, Patricia. *The Keeping Quilt*. Aladdin, 2001. A homemade quilt ties together the lives of four generations of an immigrant Jewish family and remains a symbol of their love and faith. ISBN 978-0-689-84447-8

► Poole, Amy Lowry. *The Pea Blossom*. Holiday House, 2005. In a garden near Beijing, five peas grow in a shell and wait to discover their fate. ISBN 978-0-8234-2018-6

► Powell, Martin. *The Legend of Johnny Appleseed*. Stone Arch Books, 2010. The graphic novel retells the story of Johnny Appleseed and the adventures he encounters traveling across the country planting apple seeds to grow trees. ISBN 978-1-4342-1895-7

Priceman, Marjorie. *How to Make an Apple Pie and See the World*. Dragonfly Books, 1996. From the jungles of Sri Lanka to the apple orchards in Vermont, a little baker travels to find the finest ingredients for her pie. ISBN 978-0-679-88083-7

Provensen, Alice and Martin Provensen. *The Year at Maple Hill Farm*. Aladdin Books, 2001. Describes the seasonal changes on a farm and surrounding countryside throughout the year. ISBN 978-0-689-84500-0

► Purmell, Ann. *Apple Cider Making Days*. Millbrook Press, 2002. Follow two kids while they make apple cider on their Grandpa's apple farm. ISBN 978-0-7613-2364-8

► Purmell, Ann. *Christmas Tree Farm*. Holiday House, 2006. This book is about a boy and his family who work on their tree farm throughout the year to prepare for Christmas. ISBN 978-0-8234-1886-2

Purmell, Ann. *Maple Syrup Season*. Holiday House, 2008. This picture book gives students a behind-the-scenes look at making a much-loved treat. ISBN 978-0-8234-1891-6

► Randall, Alison L. *The Wheat Doll*. Peachtree Publishers, 2008. A story about a young pioneer girl and her wheat doll. Students learn about pioneer life and the production cycle of wheat. ISBN 978-1-56145-456-3

► Ray, Hannah. *Pigs*. Crabtree Publishing, 2008. In this book, learn that pigs are great swimmers, that they use mud as suntan lotion, and that the largest pig weighed the same as 14 grown men. ISBN 978-0-7787-4055-1

Rendon, Marcie R. and Cheryl Walsh Bellville. *Farmer's Market*. Lerner Publishing Group, 2001. Full of colorful photographs, this book describes the efforts of many families who work hard to produce food that is sold at farmers markets. ISBN 978-1-57505-462-9

Rodenas, Paula. *The Random House Book of Horses and Horsemanship*. Random House, 1997. This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training. ISBN 978-0-679-88726-3

Royston, Angela. *Flowers, Fruits and Seeds*. Heinemann Library, 1999. Discover why plants have flowers, how some animals help make new plants, and what pollen is. ISBN 978-1-58810-449-6

Royston, Angela. *How is Chocolate Made?* Heinemann Library, 2005. Illustrates the process from cocoa bean to candy bar. Includes an overview of the sources of different ingredients that give some bars a particular taste, and a detailed look at the factories and workers that make the product. ISBN 978-0-431-05046-1

Royston, Angela. *How Plants Grow*. Heinemann Library, 1999. Discover how a plant's life begins, what plants need to make them grow, and why some trees lose their leaves in the fall. ISBN 978-1-57572-538-3

Royston, Angela. *Life Cycle of a Butterfly*. Heinemann Library, 1998. This book takes an in-depth look at the life cycle of a butterfly. ISBN 978-1-57572-473-7

Royston, Angela. *Strange Plants*. Heinemann Library, 1999. Discover what flower grows 10 feet tall, which plants eat insects, and what spores are. ISBN 978-0-431-00184-5

Ruelle, Karen Gray. *The Tree*. Holiday House, 2008. Trace the beginnings of the oldest elm tree in New York City. Students will follow the 250-year-old tree's life cycle that began long ago with a small little seed. ISBN 978-0-8234-1904-3

Rushing, Felder. *Dig, Plant, Grow*. Color Springs Press, 2004. Through the colorful photographs, this book is a resource for creating garden artwork, planting beds, and more. ISBN 978-1-59186-093-8

Salas, Laura Purdie. *From Seed to Daisy: Following the Life Cycle*. Picture Window Books, 2008. Let your mind bloom as you learn about the life cycle of the Shasta daisy. ISBN 978-1-4048-4919-8

Salas, Laura Purdie. *Lettuce Introduce You: Poems About Food*. Capstone Press, 2009. Poems in various forms celebrate everything from watermelon to Brussels sprouts. ISBN 978-1-4296-1703-1

► Salas, Laura Purdie. *There Goes the Water: A Song About the Water Cycle*. Picture Window Books, 2010. Sing along with the book about the water cycle and read facts about water. ISBN 978-1-4048-5766-7

## Intermediate (Grades 4-6)

Sandin, Joan. *Coyote School News*. Henry Holt and Company, 2003. This story, about students who attend Coyote School, is based on a collection of newsletters written by Arizona ranch country schools between 1932 and 1943. ISBN 978-0-8050-6558-9

Schroeder, Lisa. *California Gold Rush Cooking*. Capstone Press, 2000. Learn about the California Gold Rush by exploring some of the recipes that were popular, along with the stories behind these recipes. ISBN 978-0-7368-0603-9

Scott, Emily. *Dinner from Dirt: Ten Meals Kids Can Grow and Cook*. Gibbs Smith Publisher, 1998. This book provides experiential ideas for planting and then cooking with the products. ISBN 978-0-87905-840-1

Seuss, Dr. *The Lorax*. Random House Books for Young Readers, 1998. This classic tale about the Lorax, the Once-ler, and the Truffula Trees is a catalyst for questions about natural resources and their use. ISBN 978-0-394-82337-9

Shelby, Anne. *Homeplace*. Scholastic, 2000. Grandmother and grandchild trace the 200-year history of a family, its home, and farm. ISBN 978-0-531-07178-6

Shuter, Jane. *Farming & Food*. Heinemann Library, 1999. Take a trip into the past to discover the world of the Ancient Egyptians in regard to their food sources and farming methods. ISBN 978-1-57572-730-1

► Simmons, Lynn Sheffield. *Sugar Lump, The Orphan Calf*. Pelican Publishing Company, 2009. Sugar Lump, a quirky orphan calf, needs someone to care for him, and Marcy accepts the responsibility. As the calf grows, he and Marcy experience many adventures and form a unique bond. ISBN 978-1-58980-216-2

Singer, Marilyn. *Eggs*. Holiday House, 2008. This picture book contains many surprising facts about eggs and the resourceful methods used to protect them. ISBN 978-0-8234-1727-8

► Sirota, Lyn A. *Out of Control: The Science of Wildfires*. Compass Point Books, 2009. Readers learn how firefighters and foresters manage, contain, and even predict outdoor blazes in this science-based book. Includes a timeline, glossary, and additional resources. ISBN 978-0-7565-4064-7

Slack, Judy. *Crunching Carrots, Not Candy*. Judy Slack, 2006. This book brings a colorful look into healthy snacks; written in English and Spanish. ISBN 978-1-59975-747-6

► Slade, Suzanne. *What if There Were No Bees?* Picture Window Books, 2011. A book about the grassland ecosystem showing what would happen to the ecosystem if bees disappeared. ISBN 978-1-4048-6019-3

► Smucker, Anna Egan. *Golden Delicious: A Cinderella Apple Story*. Albert Whitman & Company, 2008. Discover the role of cross-pollination in developing new varieties of apples through this true story about the Stark Brothers' quest for the world's best apple. ISBN 978-0-8075-2987-4

Sohi, Morteza. *Look What I Did with a Leaf!* Walker Publishing, 1993. Provides examples of different kinds of animals that can be made out of leaves and suggests various uses for the finished product. ISBN 978-0-8027-8215-1

► Sonneborn, Liz. *Corn, An American Invention*. Newbridge Educational Publishing, 2005. Learn how the earliest farmers grew the first corn and why it is such an important part of America's history. ISBN 1-4007-3964-0

Sorensen, Virginia. *Miracles on Maple Hill*. Odyssey Classics, 2003. Meet a loving family and learn about the first miracle of the new year when the sap begins to rise in the maple trees so the family can make syrup. ISBN 978-0-15-204718-4

Spaulding, Dean T. *Housing Our Feathered Friends*. Lerner Publications Company, 1997. Learn a variety of ways to make birdhouses and some interesting facts about these birds. ISBN 978-0-8225-3176-0

Spilsbury, Louise and Richard Spilsbury. *How Do Plants Grow?* Heinemann Library, 2006. Explains how plants make food and change as they grow. ISBN 978-0-431-01809-6

Spilsbury, Louise and Richard Spilsbury. *Plant Classification*. Heinemann Library, 2003. Describes how plants are grouped together by their features and characteristics. ISBN 978-0-431-11890-1

Spilsbury, Louise and Richard Spilsbury. *Plant Growth*. Heinemann Library, 2003. Describes what plants need for growth, how they make food, and what happens when they die. ISBN 978-0-431-11888-8

Spilsbury, Louise and Richard Spilsbury. *Plant Habitats*. Heinemann Library, 2003. Describes the different ways plants adapt to life in the many different habitats found on Earth. ISBN 978-1-4034-0503-6

Spilsbury, Louise and Richard Spilsbury. *Plant Parts*. Heinemann Library, 2003. From bean sprouts to redwood trees, this book looks at how different plants are made of the same parts. ISBN 978-1-4034-0504-3

Spilsbury, Louise and Richard Spilsbury. *Plant Products*. Heinemann Library, 2003. Describes the many ways people use plants in their daily lives. ISBN 978-1-4034-0505-0

Spilsbury, Louise and Richard Spilsbury. *Plant Reproduction*. Heinemann Library, 2003. Describes how plants scatter their seeds by using insects, animals, and the wind. ISBN 978-0-431-11889-5

Spilsbury, Louise and Richard Spilsbury. *What is a Plant?* Heinemann Library, 2006. Explains why plants have leaves, which plants do not grow fruit, and what spores are. ISBN 978-0-431-01808-9

Spilsbury, Louise and Richard Spilsbury. *Where Do Plants Grow?* Heinemann Library, 2006. Explains how plants survive in a desert, why some flowers have furry petals, and which trees do not lose their leaves in fall. ISBN 978-1-4034-7367-7

Spilsbury, Louise and Richard Spilsbury. *Why Do Plants Have Flowers?* Heinemann Library, 2006. Explains what pollen is, why some flowers are so colorful, and why plants make fruit. ISBN 978-1-4034-7368-4

Stevens, Jan Romero. *Carlos and the Cornfield, Carlos y la Milpa de Maiz.* Rising Moon Books, 1999. This book, with both English and Spanish text, describes how Carlos learns about working in a cornfield. ISBN 978-0-87358-735-8

Stewart, Sarah. *The Gardener.* Farrar Straus Giroux, 2000. A series of letters tells a girl who, when forced to leave the country, takes her love of gardening with her. ISBN 978-0-374-42518-0

► Stille, Darlene. *Altering the Biological Blueprint: The Science of Genetic Engineering.* Compass Point Books, 2011. This book is about biotechnology techniques and the challenges it must overcome. ISBN 978-0-7565-4049-4

Stotksy, Sandra. *Trees Are Terrific: Naturescope Series.* Chelsea House Publishing, 1998. Text and activities introduce the nature of trees, their trunks, growth, leaves, and changing nature. ISBN 978-0-7910-4883-2

Tang, Greg. *The Grapes of Math.* Scholastic Press, 2004. Use a few problem-solving techniques to solve the math puzzles in this book. Many have themes of fruits, vegetables, and insects. ISBN 978-0-439-59840-8

► Thomas, Peggy and Layne Johnson. *Farmer George Plants a Nation.* Boyds Mills Press, 2008. Through George Washington's letters we learn how his efforts to create a self-sufficient farm mirrored his struggle to create a free nation. ISBN 978-1-59078-460-0

Thorson, Kristine and Robert Thorson. *Stone Wall Secrets.* Tilbury House, 2001. On an autumn day, a grandfather and grandson repair the wall on their Maine farm. ISBN 978-0-88448-229-1

Tuft, Lynne. *The Grapes Grow Sweet.* Studio Eight River Press, 1996. A captivating glimpse of growing up on a family vineyard in wine country. ISBN 978-0-9656092-9-6

► Urbigkit, Cat. *Brave Dogs, Gentle Dogs.* Boyds Mills Press, 2005. This book explains how guardian dogs and sheep form bonds that last a lifetime. ISBN 978-1-59078-317-7

► Urbigkit, Cat. *Brave Dogs, Gentle Dogs/ Perros Guardianes, Perros Valientes.* Boyds Mills Press, 2005. This book in English and Spanish explains how guardian dogs and sheep form bonds that last a lifetime. ISBN 978-1-59078-674-1

► Urbigkit, Cat. *Cattle Kids.* Boyds Mills Press, 2007. Cowboys and cowgirls take part in many aspects of livestock operations. ISBN 978-1-59078-508-9

► Urbigkit, Cat. *The Shepherd's Trail.* Boyds Mills Press, 2008. This book is about a shepherd's trail of herding sheep from breeding season to lambing season. ISBN 978-1-59078-509-6

► Urbigkit, Cat. *A Young Shepherd.* Boyds Mills Press, 2006. Follow the life of a young kid who works on a sheep farm. ISBN 978-1-59078-364-1

Van Allsburg, Chris. *Two Bad Ants.* Houghton Mifflin Company, 1988. A group of ants sets out to please their queen by gathering all they can of a delicious crystal. But two ants become greedy and experience far more than they anticipated. ISBN 978-0-395-48668-9

► Wallace, Bill and Carol. *That Doggone Calf.* Holiday House, 2009. Cookie, a calf, thinks he is going to be in charge of the cattle, but Hoss, the dog, is not about to give up his job. ISBN 978-0-8234-2228-9

Waters, Kate. *Samuel Eaton's Day.* Scholastic, 1996. Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures. ISBN 978-0-590-48053-6

Waters, Kate. *Sarah Morton's Day.* Scholastic, 1993. Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures. ISBN 978-0-590-47400-9

Weatherby, Brenda. *The Trucker.* Scholastic, Inc, 2004. Learn about the important job truckers have transporting goods from one location to the next. ISBN 978-0-439-39877-0

Wellington, Monica. *Zinnia's Flower Garden.* Puffin Books, 2005. Young readers will see how Zinnia's garden grows from seeds to flowers. ISBN 978-0-14-240787-5

White, E.B. *Charlotte's Web.* HarperCollins, 2005. Charlotte the spider, Wilbur the pig, and Fern, a little girl, present a classic tale of life on a farm. ISBN 978-0-06-441093-9

Wiesner, David. *June 29, 1999.* Clarion Books, 1992. While third grade classmates are sprouting seeds in paper cups, Holly has a more innovative science project in mind. ISBN 978-0-395-59762-0

Wilder, Laura Ingalls. *Little House on the Prairie.* HarperTrophy, 2004. One of her many books depicting life on the prairie and homesteading. ISBN 978-0-06-058181-7

## Intermediate (Grades 4-6)

Wilder, Laura Ingalls. *Winter on the Farm*. HarperCollins, 1997. This simple text allows readers to meet Almonzo and learn what he does on a busy day on the family farm. ISBN 978-0-06-440692-5

Wolfman, Judy. *Life on a Goat Farm*. Carolrhoda Books, 2001. Describes the practices that occur on a goat farm and includes information on breeds, care, milking, and more. ISBN 978-1-57505-515-2

Woods, Michael and Mary B. Woods. *Ancient Agriculture*. Runestone Press, 2000. Explains in simple terms how the story of agriculture is also the story of civilization. Also describes how ancient cultures left a rich legacy of agricultural knowledge and technology. ISBN 978-0-8225-2995-8

## Middle School Grades 7-8

### ► Indicates new for 2011-2012

Adams, Barbara. *Micro Eco-Farming*. New World Publishing, 2004. This book explains how to start and succeed in micro eco-farming. ISBN 978-0-9632814-3-2

Artley, Bob. *Christmas on the Farm*. Pelican Publishing Company, 2003. Learn about farming and what it was like during Christmas time in the 1920s. ISBN 978-1-58980-108-0

Artley, Bob. *Once Upon a Farm*. Pelican Publishing Company, 2000. Through detailed illustrations and text, this book shows the seasons of an old-time farm. ISBN 978-1-56554-753-7

► Artley, Bob and Rob Artley. *Memories of a Farm Kitchen*. Pelican Publishing Company, 2010. In the farm home of America's past, the hearth of the home—the kitchen—represented the warmth and well-being of the family that met daily to enjoy hearty, homemade food and converse with pleasure. ISBN 978-1-58980-150-9

Baron, Robert C. *The Garden and Farm Books of Thomas Jefferson*. Fulcrum Publishing, 1988. Reproductions of Jefferson's garden and farm journals, along with selected correspondence on gardening and farming from Jefferson to Washington, Adams, Madison, and others. ISBN 978-1-55591-013-6

Batten, Mary. *Aliens from Earth*. Peachtree Publishers, Ltd, 2003. An intriguing introduction to the serious and ongoing environmental problems caused by invasive plant and animal species and ideas on what young readers can do to minimize their own impact on the environment. ISBN 978-1-56145-450-1

Bauer, Joan. *Squashed*. Putnam Juvenile, 2001. Ellie Morgan's life would be almost perfect if she could get her potentially prizewinning pumpkin to put on about 200 pounds before the Rock River Pumpkin Weigh-In. ISBN 978-0-14-240426-3

Bial, Raymond. *The Super Soybean*. Albert Whitman & Company, 2007. Learn a piece of history, as well as nutrition facts and the benefits of soybean. ISBN 978-0-8075-7549-9

Caduto, Michael J. and Joseph Bruchac. *Native American Gardening: Stories, Projects and Recipes for Families*. Fulcrum Publishing, 1996. Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening, such as soil preparation or harvest. ISBN 978-1-55591-148-5

California School Garden Network. *Gardens for Learning*. California School Garden Network, 2006. This comprehensive guidebook provides a strong foundation to support the growing school garden movement. ISBN 978-0-9788693-0-4

Collins, David. *Pioneer Plowmaker: A Story About John Deere*. Hobar Publications, 2001. John Deere, a young blacksmith in the mid-1880s, created a plow that dirt would not stick to during a potentially disastrous time in Ohio. ISBN 978-0-913163-32-0

► Ekarius, Carol. *Pocketful of Poultry*. Storey Publishing, 2007. In this handbook, discover interesting facts about chickens, turkeys, ducks, and geese. ISBN 978-1-58017-677-4

► Enderle, Dotti. *Crosswire*. Boyds Mills Press, 2010. The cruel Texas drought of 1883 has Jesse and his family in turmoil. Crops are drying out, desperate free-range cattlemen are cutting fences and trespassing with their thirsty herds, threatening the family's precious water supply. ISBN 978-1-59078-751-9

Fleischman, Paul. *Seedfolks*. HarperTrophy, 1999. One by one, a number of people of varying ages and backgrounds transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed. ISBN 978-0-06-447207-4

Freyman, Saxton and Joost Elffers. *Food for Thought*. Arthur Levine Books, 2005. Shapes, colors, numbers, letters, and opposites are introduced using whimsical sculptures made out of fresh fruits and vegetables. ISBN 978-0-439-11018-1

Gates, Doris. *Blue Willow*. Smith Peter Books, 2000. Janey travels with her father and stepmother to wherever her father can find seasonal work. She dreams of a home like the one on her Blue Willow plate, which belonged to her deceased mother. ISBN 978-0-14-030924-9

Green-Armytage, Stephen. *Extraordinary Chickens*. Harry N. Abrams, Inc., 2003. This photographic journal depicts the amazing variety of exotic chickens. ISBN 978-0-8109-9129-3

► Hansen, Ann Larkin. *Hobby Farms: Beef Cattle*. BowTie, Inc., 2006. A hands-on guide to feeding, handling, and raising a small herd. With helpful tips, color photos, and a comprehensive glossary. ISBN 978-1-931993-68-5

Harbison, Elizabeth M. *Loaves of Fun*. Chicago Review Press, 1999. More than 50 recipes and activities take children on a multicultural journey throughout the ages and across the world to discover the history and uses of bread. ISBN 978-1-55652-311-3

Hardesty, Constance. *Grow Your Own Pizza: Gardening Plans and Recipes for Kids*. Fulcrum Publishing, 2000. For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots. ISBN 978-1-55591-398-4

Hawke, Sharryl Davis and James E. Davis. *Seeds of Change*. Addison-Wesley, 1992. The story of cultural exchange between the Old and New World since 1492, emphasizing the horse, potato, corn, sugar, and disease. Adapted from original Smithsonian edition of Seeds of Change. ISBN 978-0-201-29419-4

Hayford, James. *Gridley Firing*. New England Press, 1989. The family farm is not doing well and young Martin is concerned that the rich contractor, who is buying up land, will buy his farm and build houses, which will move wildlife inhabitants out of their homes. ISBN 978-0-933050-49-5

Haywood, John. *Work, Trade, and Farming Through the Ages*. Anness Publishing, Ltd, 2003. Learn what the workers of ancient Egypt, Greece, and the Inca Empire did for a living. Find out what trades, professions, and skills were essential to keeping ancient societies running smoothly. ISBN 978-0-7548-0817-6

► Heron, Katrina. *Come to the Table: The Slow Food Way of Living*. Slow Food Nation, 2008. Twelve California farmers that are farming locally and organically share their reasons for making this their way of life. ISBN 978-1-60529-895-5

Hesse, Karen. *Out of the Dust*. Scholastic Press, 1999. In a series of poems, 5-year-old Billie Jo relates the hardships of living on her family's wheat farm in Oklahoma during the Dust Bowl years of the Depression. ISBN 978-0-590-36080-7

Hunter, Sally M. *Four Seasons of Corn: A Winnebago Tradition*. Lerner Publications Company, 1996. Enjoy learning how the Native American Winnebagos grow and process corn and the traditions they have. ISBN 978-0-8225-9741-4

Jimenez, Francisco. *Breaking Through*. Houghton Mifflin Company, 2001. This compelling autobiography tells the story of a young boy and his family and their struggle to survive economically. ISBN 978-0-618-34248-8

Jimenez, Francisco. *The Circuit*. University of New Mexico Press, 1997. This series of short stories about the life of a migrant child follows a family through their circuit of work over the years. ISBN 978-0-8263-1797-1

Kalman, Bobbie. *What is a Plant?* Crabtree Publishing Company, 2000. Learn the basic anatomy of plants, unique characteristics, and how and why plants are essential in various ecosystems. ISBN 978-0-86505-982-5

► Langlois, Cherie. *Hobby Farms: Ducks*. BowTie, Inc, 2008. This book offers essential information on tending a small-scale flock, with full-color photos, a glossary, and advice from experienced duck farmers. ISBN 978-1-933958-16-3

► Lassieur, Allison. *The Dust Bowl: An Interactive History Adventure*. Capstone Press, 2009. This book catapults readers into the 1930s, where they will reel from the effects of the Great Depression. Readers make decisions that determine the ending of their story. ISBN 978-1-4296-2343-8

## Middle School (Grades 7-8)

► Latta, Sara L. *The Good, the Bad, the Slimy: The Secret Life of Microbes*. Enslow Publishers, Inc, 2006. Discover how microbes live in and on our bodies, help make food, live in extreme environments, and even change history. ISBN 978-0-7660-1294-3

Lovejoy, Sharon. *Roots, Shoots, Buckets & Boots*. Workman Publishing, 1999. Twelve easy-to-implement ideas for theme gardens that parents, teachers, and kids can grow together are described in this book, including moon gardens and sunflower houses. ISBN 978-0-7611-1765-0

► Macceca, Michael L. *The World of Plants*. Compass Point Books, 2010. Learn how plants make their own food from sunlight, water, air, and soil. Readers discover how plants are a food source for humans and animals, create products for everyday living, and provide oxygen to breathe. ISBN 978-0-7565-4304-4

► Macceca, Stephanie. *George Washington Carver*. Compass Point Books, 2010. A biography on how George Washington Carver overcame circumstances to become an expert on plants. ISBN 978-0-7565-4305-1

► MacDonald, Fiona. *Discovering World Cultures: Food*. Crabtree Publishing Company, 2001. Food is essential for life. Learn why different foods are popular in different parts of the world due to climate, cooking methods, and religious practices. ISBN 978-0-7787-0238-2

► Madigan, Carleen. *The Backyard Homestead*. Storey Publishing, 2009. Learn how to grow your own food, and how to harvest, cook, preserve, cure, and pickle the food you have grown on just a quarter acre. ISBN 978-1-60342-138-6

Markle, Sandra. *Outside and Inside Killer Bees*. Walker & Company, 2004. Colorful photographs teach about bees and some specifics on Africanized honey bees. ISBN 978-0-8027-8906-8

Maze, Stephanie. *I Want to Be a Veterinarian*. Harcourt, 1999. Photos and facts describe different kinds of vets, how veterinary science began, and where it is headed. Also shows how to begin exploring the career. ISBN 978-0-15-201965-5

► McFarlen, Arie B. *Hobby Farms: Pigs*. BowTie, Inc, 2008. A comprehensive guide for raising a small herd. Complete with full-color photos, a helpful glossary, and expert advice from real pig farmers. ISBN 978-1-933958-18-7

► Montgomery, Heather L. *How is Soil Made?* Crabtree Publishing, 2010. Introduces children to the organic and inorganic parts of soil, the nutrient cycles of plants, and decomposition. ISBN 978-0-7787-5414-5

National Gardening Association. *Dictionary of Horticulture*. Viking, 1994. A resource book from A to Z explains and defines gardening terms. ISBN 978-0-670-84992-5

Nelson, Marilyn. *Carver: A Life in Poems*. Front Street, 2001. This collection of poems provides a compelling and revealing portrait of George Washington Carver's complex and profoundly devout life. ISBN 978-1-886910-53-9

► Nielsen, L. Michelle. *The Biography of Corn*. Crabtree Publishing Company, 2007. Maize, or corn, was the staple food of many early cultures in South America, Mesoamerica, and the Caribbean. Learn how corn production spread throughout the world. ISBN 978-0-7787-2527-5

O'Donnell, Liam. *Understanding Photosynthesis with Max Axiom Super Scientist*. Capstone Press, 2007. This graphic novel follows the adventures of Max Axiom as he explains the science behind photosynthesis. ISBN 978-0-7368-6841-9

► Owen, Ruth. *Growing and Eating Green*. Crabtree Publishing, 2009. This book showcases careers in organic farming, producing, and marketing. ISBN 978-0-7787-4864-9

► Parker, Steve. *Ferns, Mosses and Other Spore-Producing Plants*. Compass Point Books, 2010. From hornworts to tree ferns, this book examines how spore-producing plants get energy and reproduce. Investigate how people use them for food, decoration, and medicine. ISBN 978-0-7565-4220-7

► Parker, Steve. *Molds, Mushrooms and Other Fungi*. Compass Point Books, 2010. This book introduces readers to the fungi kingdom, from familiar mushrooms to unicellular plants. Discover how fungi recycle dead matter into useful nutrients. ISBN 978-0-7565-4223-8

► Parker, Steve. *Redwoods, Hemlocks and Other Cone-Bearing Plants*. Compass Point Books, 2010. This guide examines various types of conifers, from the redwoods to the spruces, and their use in everyday life. ISBN 978-0-7565-4221-4

► Parker, Steve. *Sunflowers, Magnolia Trees and Other Flowering Plants*. Compass Point Books, 2010. This book explores the history of flowering plants and examines how they reproduce and obtain energy. Readers learn how flowering plants are used in agriculture. ISBN 978-0-7565-4222-1

Perez, L. King. *First Day in Grapes*. Lee & Low Books Inc, 2002. Learn how Chico and his family move up and down the state of California picking fruits and vegetables and about Chico's successes and challenges in school. ISBN 978-1-58430-045-8

Pukite, John. *A Field Guide to Cows*. Penguin Books, 1998. Describes the 52 breeds of cattle in a format that assists in their identification. ISBN 978-0-14-027388-5

► Renna, Christine Hartnagle. *Herding Dogs: Selecting and Training the Working Farm Dog*. BowTie, Inc, 2009. Readers learn everything from selecting the perfect herding-breed puppy to specific advice about training, health, and day-to-day care. ISBN 978-1-59378-737-0

Rodenas, Paula. *The Random House Book of Horses and Horsemanship*. Random House, 1997. This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training. ISBN 978-0-679-88726-3

Rushing, Felder. *Dig, Plant, Grow*. Color Springs Press, 2004. Through the colorful photographs, this book is a resource for creating garden artwork, planting beds, and more. ISBN 978-1-59186-093-8

Rushing, Felder. *New Junior Garden Book*. Better Homes and Gardens, 1999. This colorful and student-friendly book provides hundreds of projects for kids to grow and make. Projects are ranked from simple to more advanced. ISBN 978-0-696-20849-2

Shuter, Jane. *Farming & Food*. Heinemann Library, 1999. Take a trip into the past to discover the world of the Ancient Egyptians in regard to their food sources and farming methods. ISBN 978-1-57572-730-1

► Smucker, Anna Egan. *Golden Delicious: A Cinderella Apple Story*. Albert Whitman & Company, 2008. Discover the role of cross-pollination in developing new varieties of apples through this true story about the Stark Brothers' quest for the world's best apple. ISBN 978-0-8075-2987-4

Sorensen, Virginia. *Miracles on Maple Hill*. Odyssey Classics, 2003. Meet a loving family and learn about the first miracle of the new year when the sap begins to rise in the maple trees so the family can make syrup. ISBN 978-0-15-204718-4

Spilsbury, Louise and Richard Spilsbury. *Plant Classification*. Heinemann Library, 2003. Describes how plants are grouped together by their features and characteristics. ISBN 978-0-431-11890-1

Spilsbury, Louise and Richard Spilsbury. *Plant Growth*. Heinemann Library, 2003. Describes what plants need for growth, how they make food, and what happens when they die. ISBN 978-0-431-11888-8

Spilsbury, Louise and Richard Spilsbury. *Plant Habitats*. Heinemann Library, 2003. Describes the different ways plants adapt to life in the many different habitats found on Earth. ISBN 978-1-4034-0503-6

Spilsbury, Louise and Richard Spilsbury. *Plant Parts*. Heinemann Library, 2003. From bean sprouts to redwood trees, this book looks at how different plants are made of the same parts. ISBN 978-1-4034-0504-3

Spilsbury, Louise and Richard Spilsbury. *Plant Products*. Heinemann Library, 2003. Describes the many ways people use plants in their daily lives. ISBN 978-1-4034-0505-0

Spilsbury, Louise and Richard Spilsbury. *Plant Reproduction*. Heinemann Library, 2003. Describes how plants scatter their seeds by using insects, animals, and the wind. ISBN 978-0-431-11889-5

Starcher, Allison M. *Good Bugs for Your Garden*. Algonquin Books of Chapel Hill, 1995. Pocket-sized hardcover book is full of illustrations of "good bugs." Each figure is surrounded by important facts, including size, eating habits, and life cycles. ISBN 978-1-56512-071-6

► Stille, Darlene. *Altering the Biological Blueprint: The Science of Genetic Engineering*. Compass Point Books, 2011. This book is about biotechnology techniques and the challenges it must overcome. ISBN 978-0-7565-4049-4

Stille, Darlene R. *Erosion: How Land Forms, How Land Changes*. Compass Point Books, 2005. Learn how erosion is constantly changing, creating, and erasing features on Earth's surface. ISBN 978-0-7565-0854-8

Stille, Darlene R. *Minerals: From Apatite to Zinc*. Compass Point Books, 2005. Learn about minerals and how more than 3,000 minerals build the rocks on Earth. ISBN 978-0-7565-0855-5

Stille, Darlene R. *Natural Resources: Using and Protecting Earth's Surface*. Compass Point Books, 2005. Learn about the substances found in nature that people use, how they are obtained, and how they can be conserved. ISBN 978-0-7565-0856-2

Stille, Darlene. *Soil: Digging Into Earth's Vital Resource*. Compass Point Books, 2005. Learn how soil management is crucial, as it is used in so many ways—from producing food to making homes and producing fibers. ISBN 978-0-7565-0857-9

Stotksy, Sandra. *Trees Are Terrific: Naturescope Series*. Chelsea House Publishing, 1998. Text and activities introduce the nature of trees, their trunks, growth, leaves, and changing nature. ISBN 978-0-7910-4883-2

► Urbigkit, Cat. *The Shepherd's Trail*. Boyds Mills Press, 2008. This book is about a shepherd's trail of herding sheep from breeding season to lambing season. ISBN 978-1-59078-509-6

► Urbigkit, Cat. *A Young Shepherd*. Boyds Mills Press, 2006. Follow the life of a young kid who works on a sheep farm. ISBN 978-1-59078-364-1

► Wallace, Bill and Carol. *That Doggone Calf*. Holiday House, 2009. Cookie, a calf, thinks he is going to be in charge of the cattle, but Hoss, the dog, is not about to give up his job. ISBN 978-0-8234-2228-9

► Wallace, Marianne D. *America's Forests*. Fulcrum Publishing, 2009. A comprehensive guide about diverse habitats of North American forests. ISBN 978-1-55591-595-7

## Middle School (Grades 7-8)

- ▶ Ward, Lesley. *Your Healthy and Happy Horse*. BowTie Inc, 2003. Tips, techniques, and color photos teach readers how to ride, train, and develop a lasting relationship between horse and owner. ISBN 978-1-931993-40-1
- ▶ Weakland, Mark. *Onion Juice, Poop, and Other Surprising Sources of Alternative Energy*. Capstone Press, 2011. Dig into some interesting new sources of energy through this “Nasty (But Useful!) Science” book. ISBN 978-1-4296-4536-2
- ▶ Weaver, Sue. *Hobby Farms: Chickens*. BowTie, Inc, 2005. An instructional guide that directs new and experienced farmers through the nuances of tending a small-scale flock. ISBN 978-1-931993-48-7
- ▶ Weaver, Sue. *Hobby Farms: Goats*. BowTie, Inc, 2006. This guide contains essential information on choosing, breeding, and tending goats while also offering fun and fascinating facts. ISBN 978-1-931993-67-8
- ▶ Weaver, Sue. *Hobby Farms: Sheep*. BowTie, Inc, 2005. Readers get advice on raising sheep straight from the farm, including detailed charts, a comprehensive glossary, and fun sheep trivia. ISBN 978-1-931993-49-4

Weaver, William Woys. *100 Vegetables and Where They Came From*. Algonquin Books, 2000. Enjoy learning about 100 intriguing vegetables from around the world, some of which are regulars on the dinner table. ISBN 978-1-56512-238-3

Whitman, Sylvia. *What's Cooking? The History of American Food*. Lerner Publications Company, 2001. This book links food to the big picture of agriculture and changes in transportation and health. ISBN 978-0-8225-1732-0

Wilson, Nancy Hope. *Becoming Felix*. Econo-Clad Books, 2001. JJ's family are dairy farmers, but he doesn't learn what that truly means until there is a struggle. ISBN 978-0-380-72945-6

Winkler, Peter. *Feeding the World*. National Geographic, 2002. Many current issues about the need for food and world food production are discussed. A scenario about growing plants at a school that encourages critical thinking is included. ISBN 978-0-7922-8871-8

Woods, Michael and Mary B. Woods. *Ancient Agriculture*. Runestone Press, 2000. Explains in simple terms how the story of agriculture is also the story of civilization. Also describes how ancient cultures left a rich legacy of agricultural knowledge and technology. ISBN 978-0-8225-2995-8

## High School and Adult Grades 9-12

### ▶ Indicates new for 2011-2012

Adams, Barbara. *Micro Eco-Farming*. New World Publishing, 2004. This book explains how to start and succeed in micro eco-farming. ISBN 978-0-9632814-3-2

Adams, Marilyn. *Rhythm of the Seasons: A Journey Beyond Loss*. Sta-Kris, 2007. Share the emotions a family feels after the loss of a family member from a farm incident. ISBN 978-1-882835-38-6

Artley, Bob. *Christmas on the Farm*. Pelican Publishing Company, 2003. Learn about farming and what it was like during Christmas time in the 1920s. ISBN 978-1-58980-108-0

Artley, Bob. *Once Upon a Farm*. Pelican Publishing Company, 2000. Through detailed illustrations and text, this book shows the seasons of an old-time farm. ISBN 978-1-56554-753-7

▶ Artley, Bob and Rob Artley. *Memories of a Farm Kitchen*. Pelican Publishing Company, 2010. In the farm home of America's past, the hearth of the home—the kitchen—represented the warmth and well-being of the family that met daily to enjoy hearty, homemade food and converse with pleasure. ISBN 978-1-58980-150-9

Baron, Robert C. *The Garden and Farm Books of Thomas Jefferson*. Fulcrum Publishing, 1988. Reproductions of Jefferson's garden and farm journals, along with selected correspondence on gardening and farming from Jefferson to Washington, Adams, Madison, and others. ISBN 978-1-55591-013-6

Biggs, Matthew et. al. *Vegetables, Herbs & Fruit*. Laurel Glen, 2002. This illustrated encyclopedia features detailed information, tips, and advice on edible plants and gardening. ISBN 978-1-55407-126-5

Bromfield, Louis. *Malabar Farm*. Wooster Books Co, 1999. This nonfiction book, in journal form, describes the life as it was on Malabar farm. ISBN 978-1-888683-84-4

▶ Bucklin-Sporer, Arden and Rachel Kathleen Pringle. *How to Grow a School Garden: A Complete Guide for Parents and Teachers*. Timber Press, Inc, 2010. Using a practical and hands-on approach, this book provides everything parents and teachers need to plan, build, use, and maintain a school garden. Includes lesson plans, design ideas, and recipes. ISBN 978-1-60469-000-2



Caduto, Michael J. and Joseph Bruchac. *Native American Gardening: Stories, Projects and Recipes for Families*. Fulcrum Publishing, 1996. Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening, such as soil preparation or harvest. ISBN 978-1-55591-148-5

California School Garden Network. *Gardens for Learning*. California School Garden Network, 2006. This comprehensive guidebook provides a strong foundation to support the growing school garden movement. ISBN 978-0-9788693-0-4

Carle, David. *Drowning the Dream*. Greenwood Publishing Group, 2000. This book illustrates how imported water has transformed the Golden State's environment and quality of life. Using first-hand voices of Californians to reveal the resulting changes, Carle concludes that the new millennium may be the time to stop drowning the California Dream. ISBN 978-0-275-96719-2

► Costa, Temra. *Farmer Jane: Women Changing The Way We Eat*. Gibbs Smith, 2010. Thirty stories of women leaders that are working on changing the way America eats and farms through their food businesses. ISBN 978-1-4236-0562-1

Cranshaw, Whitney. *Pests of the West*. Fulcrum Publishing, 1998. A handbook with photographs that may aid today's home gardener or family farmer. ISBN 978-1-55591-401-1

DeGregori, Thomas. *Bountiful Harvest. Technology, Food Safety, and the Environment*. CATO Institute, 2002. The author expresses his opinion that technology, like an art, expresses the creativity of human beings and provides a world that is better fed. ISBN 978-1-930865-31-0

► Ekarius, Carol. *Hobby Farm: Living Your Rural Dream for Pleasure and Profit*. BowTie, Inc, 2005. This illustrated how-to book offers an intimate look at life on a hobby farm, providing guidance to those who want to start their own. ISBN 978-1-931993-59-3

► Ekarius, Carol. *Pocketful of Poultry*. Storey Publishing, 2007. In this handbook, discover interesting facts about chickens, turkeys, ducks, and geese. ISBN 978-1-58017-677-4

► Enderle, Dotti. *Crosswire*. Boyds Mills Press, 2010. The cruel Texas drought of 1883 has Jesse and his family in turmoil. Crops are drying out, desperate free-range cattlemen are cutting fences and trespassing with their thirsty herds, threatening the family's precious water supply. ISBN 978-1-59078-751-9

Fleischman, Paul. *Seedfolks*. HarperTrophy, 1999. One by one, a number of people of varying ages and backgrounds transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed. ISBN 978-0-06-447207-4

Frost, Robert. *Versed in Country Things*. Bulfinch Press, 1996. Twenty of Frost's poems are complemented with black and white images of New England stone walls, farmhouses, and snowy woods. ISBN 978-0-8212-2288-1

Gibson, Eric. *Sell What You Sow*. New World Publishing, 1994. Reference book provides growers details on how to successfully market produce. ISBN 978-0-9632814-0-1

Green-Armytage, Stephen. *Extraordinary Chickens*. Harry N. Abrams, Inc, 2003. This photographic journal depicts the amazing variety of exotic chickens. ISBN 978-0-8109-9129-3

► Hansen, Ann Larkin. *Hobby Farms: Beef Cattle*. BowTie, Inc., 2006. A hands-on guide to feeding, handling, and raising a small herd. With helpful tips, color photos, and a comprehensive glossary. ISBN 978-1-931993-68-5

Harris, Patricia and David Lyon and Sue McLaughlin. *The Meaning of Food*. The Globe Pequot Press, 2005. This companion book to the public television series, "The Meaning of Food," reminds readers of the role food and cooking plays in people's lives. ISBN 978-0-7627-3837-3

Haslam, Gerald. *The Great Central Valley: California's Heartland*. University of California Press, 1993. This photographic journal and accompanying text depicts California's heartland, the Great Central Valley. ISBN 978-0-520-07777-5

► Heron, Katrina. *Come to the Table: The Slow Food Way of Living*. Slow Food Nation, 2008. Twelve California farmers that are farming locally and organically share their reasons for making this their way of life. ISBN 978-1-60529-895-5

► Hesser, Leon. *The Man Who Fed the World*. Durban House, 2009. A biography of Dr. Norman Borlaug, Nobel Peace Prize recipient for averting hunger and famine, is credited with saving hundreds of millions from starvation. ISBN 978-0-9818486-6-2

Horn, Tammy. *Bees in America: How the Honey Bee Shaped a Nation*. The University Press of Kentucky, 2005. This book is an enlightening cultural history of bees and beekeeping in the United States. ISBN 978-0-8131-2350-9

Hundley, Jr., Norris. *The Great Thirst*. University of California Press, 2001. In this detailed text, Hundley describes the history of water development in California while providing his opinions. ISBN 978-0-520-22455-1

► Husa, Linda. *The Family Ranch: Land, Children, and Traditions in the American West*. University of Nevada Press, 2009. Get an inside view of the lives of six diverse ranching families in the twenty-first century, the land that shapes their days and nights and the challenges they must face. ISBN 978-0-87417-771-8

## High School and Adult (Grades 9-12)

Janigian, Aris. *Bloodvine*. Heyday Books, 2005. A dramatic tale of a man's struggle to come to terms with love and betrayal as he and his half-brother make decisions about the 40 acres of prime vineyard they inherit. ISBN 978-1-890771-98-0

Jeavons, John. *How to Grow More Vegetables*. Ten Speed Press, 2006. A how-to and reference, this text includes instructions, illustrations, and charts about gardens and growing. ISBN 978-1-58008-796-4

Jolly, Desmond A. and Isabella Kenfield. *California's New Green Revolution: Pioneers in Sustainable Agriculture*. UC Small Farm Program, 2008. This book profiles a cross-section of farmers and marketers who practice various forms of sustainable agriculture in California. ISBN 978-0-9799956-0-6

Jones, Idwal. *The Vineyard*. UC Press, 1997. Set in the Napa Valley at the turn of the century, this novel evokes the characters' love of the land and the rhythms of life lived close to the earth and its seasons. ISBN 978-0-520-21090-5

► Langlois, Cherie. *Hobby Farms: Ducks*. BowTie, Inc, 2008. This book offers essential information on tending a small-scale flock, with full-color photos, a glossary, and advice from experienced duck farmers. ISBN 978-1-933958-16-3

Loewer, Peter. *Thoreau's Garden: Native Plants for American Landscape*. Stackpole Books, 2002. This book weaves excerpts from Thoreau's journals with notes and ideas about specific native plants. ISBN 978-0-8117-2948-2

London, Jack. *The Valley of the Moon*. Kessinger Publishing Company, 2007. Traces the lives of Billy and Saxon Roberts from the labor strife of Oakland at the turn of the century through Central and Northern California in search of land they can farm independently. ISBN 978-1-60312-078-4

Louv, Richard. *Last Child in the Woods: Saving Our Children From Nature Deficit Disorder*. Algonquin Books of Chapel Hill, 2005. This author points out that children need to connect with the outdoors and the natural world to avoid behavior challenges, including Attention Deficit Disorder. ISBN 978-1-56512-391-5

Lovejoy, Sharon. *Roots, Shoots, Buckets & Boots*. Workman Publishing, 1999. Twelve easy-to-implement ideas for theme gardens that parents, teachers, and kids can grow together are described in this book, including moon gardens and sunflower houses. ISBN 978-0-7611-1765-0

► Madigan, Carleen. *The Backyard Homestead*. Storey Publishing, 2009. Learn how to grow your own food, and how to harvest, cook, preserve, cure, and pickle the food you have grown on just a quarter acre. ISBN 978-1-60342-138-6

Masumoto, David Mas. *Epitaph for a Peach*. HarperCollins, 1996. Four seasons in the life of a California peach and raisin farmer. ISBN 978-0-06-251025-9

Masumoto, David Mas. *Four Seasons in Five Senses: Things Worth Savoring*. W.W. Norton & Company, 2004. In this collection of essays, the author, a peach and raisin farmer, explores life through the five senses, making you realize that there is a farmer behind each piece of food you eat. ISBN 978-0-393-32536-2

Masumoto, David Mas. *Harvest Son*. W.W. Norton & Company, 1999. In his second book based on his life as a California farmer/philosopher, Mas Masumoto creates a tribute to family, farm, and community using prose described as having zen-like calm and clarity. ISBN 978-0-393-31974-3

McClure, Susan. *Culinary Gardens From Design to Palate*. Fulcrum Publishing, 1997. This book, filled with photographs, descriptions, and recipes, highlights various contemporary gardens, as well as gardens from around the world. ISBN 978-1-55591-311-3

McClurg, Sue. *Water and the Shaping of California*. Heyday Books, 2001. This chronicle of California's waters follows the history of the precious resource from the Spanish settlement period through the Gold Rush to the ban of hydraulic mining. It also follows the rise of irrigated agriculture, various conservation movements, and the current grassroots growth of today's watershed conservation movement. Highlights an extensive water photograph collection. ISBN 978-1-890771-33-1

► McFarlen, Arie B. *Hobby Farms: Pigs*. BowTie, Inc, 2008. A comprehensive guide for raising a small herd. Complete with full-color photos, a helpful glossary, and expert advice from real pig farmers. ISBN 978-1-933958-18-7

National Gardening Association. *Dictionary of Horticulture*. Viking, 1994. A resource book from A to Z explains and defines gardening terms. ISBN 978-0-670-84992-5

Nelson, Marilyn. *Carver: A Life in Poems*. Front Street, 2001. This collection of poems provides a compelling and revealing portrait of George Washington Carver's complex and profoundly devout life. ISBN 978-1-886910-53-9

► Parker, Steve. *Ferns, Mosses and Other Spore-Producing Plants*. Compass Point Books, 2010. From hornworts to tree ferns, this book examines how spore-producing plants get energy and reproduce. Investigate how people use them for food, decoration, and medicine. ISBN 978-0-7565-4220-7

► Parker, Steve. *Molds, Mushrooms and Other Fungi*. Compass Point Books, 2010. This book introduces readers to the fungi kingdom, from familiar mushrooms to unicellular plants. Discover how fungi recycle dead matter into useful nutrients. ISBN 978-0-7565-4223-8

► Parker, Steve. *Redwoods, Hemlocks and Other Cone-Bearing Plants*. Compass Point Books, 2010. This guide examines various types of conifers, from the redwoods to the spruces, and their use in everyday life. ISBN 978-0-7565-4221-4

► Parker, Steve. *Sunflowers, Magnolia Trees and Other Flowering Plants*. Compass Point Books, 2010. This book explores the history of flowering plants and examines how they reproduce and obtain energy. Readers learn how flowering plants are used in agriculture. ISBN 978-0-7565-4222-1

Pearlstein, Leo. *Celebrity Stew*. Hollywood Circle Press, 2003. Leo Pearlstein describes his working life in public relations, which included promoting numerous farm commodities using famous people such as Dinah Shore and Bob Hope. ISBN 978-0-9711306-0-9

Pryor, Alton. *Cowboys: The End of the Trail*. Stagecoach Pub, 2005. The American cowboy has been glamorized by every generation since he came into existence. Learn how the cowboy's life often went down roads better left untraveled. ISBN 978-0-9747551-2-0

Pukite, John. *A Field Guide to Cows*. Penguin Books, 1998. Describes the 52 breeds of cattle in a format that assists in their identification. ISBN 978-0-14-027388-5

Reisner, Marc. *Cadillac Desert: The American West and Its Disappearing Water*. Penguin Books, 1993. In this exposé, the intriguing history of American West water development is described beginning with the earliest settlers to the establishment of large cities. ISBN 978-0-14-017824-1

► Renna, Christine Hartnagle. *Herding Dogs: Selecting and Training the Working Farm Dog*. BowTie, Inc, 2009. Readers learn everything from selecting the perfect herding-breed puppy to specific advice about training, health, and day-to-day care. ISBN 978-1-59378-737-0

Rodenas, Paula. *The Random House Book of Horses and Horsemanship*. Random House, 1997. This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training. ISBN 978-0-679-88726-3

Rosen, Michael J. *Down to Earth*. Harcourt Brace & Co, 1998. Forty-one authors and illustrators of books for children share their gardening experiences. Includes gardening activities and recipes. ISBN 978-0-15-201341-7

Satin, Morton. *Food Alert: The Ultimate Sourcebook for Food Safety*. Checkmark Books, 1999. Learn about the 20 most common causes of food contamination in your kitchen, steps you can take to lower the risk of foodborne illness, how to avoid eating contaminated food, and how to tell if you may be suffering from a foodborne illness. ISBN 978-0-8160-3935-7

Scheuring, Ann Foley. *Science and Service*. Regents of the University of California, Division of Agriculture and Natural Resources, 1995. A scholarly book on the history of the land-grant universities and agriculture in California. ISBN 978-1-879906-17-4

Smith, Bruce. *Emergence of Agriculture*. W. H. Freeman and Company, 1994. The emergence and expansion of agriculture in many places of the world. ISBN 978-0-7167-6030-6

Spilsbury, Louise and Richard Spilsbury. *Plant Classification*. Heinemann Library, 2003. Describes how plants are grouped together by their features and characteristics. ISBN 978-0-431-11890-1

Spilsbury, Louise and Richard Spilsbury. *Plant Growth*. Heinemann Library, 2003. Describes what plants need for growth, how they make food, and what happens when they die. ISBN 978-0-431-11888-8

Spilsbury, Louise and Richard Spilsbury. *Plant Habitats*. Heinemann Library, 2003. Describes the different ways plants adapt to life in the many different habitats found on Earth. ISBN 978-1-4034-0503-6

Spilsbury, Louise and Richard Spilsbury. *Plant Parts*. Heinemann Library, 2003. From bean sprouts to redwood trees, this book looks at how different plants are made of the same parts. ISBN 978-1-4034-0504-3

Spilsbury, Louise and Richard Spilsbury. *Plant Products*. Heinemann Library, 2003. Describes the many ways people use plants in their daily lives. ISBN 978-1-4034-0505-0

Spilsbury, Louise and Richard Spilsbury. *Plant Reproduction*. Heinemann Library, 2003. Describes how plants scatter their seeds by using insects, animals, and the wind. ISBN 978-0-431-11889-5

Stanley, Jerry. *Cowboys & Longhorns: A Portrait of the Long Drive*. Crown Books for Young Readers, 2003. This true story about longhorn cattle and American cowboys includes excerpts from firsthand accounts, photos, maps, and more. ISBN 978-0-375-91565-9

Starcher, Allison M. *Good Bugs for Your Garden*. Algonquin Books of Chapel Hill, 1995. Pocket-sized hardcover book is full of illustrations of "good bugs." Each figure is surrounded by important facts, including size, eating habits, and life cycles. ISBN 978-1-56512-071-6

► Stille, Darlene. *Altering the Biological Blueprint: The Science of Genetic Engineering*. Compass Point Books, 2011. This book is about biotechnology techniques and the challenges it must overcome. ISBN 978-0-7565-4049-4

Stuart, Jesse. *Come Back to the Farm*. Jesse Stuart Foundation, 2001. This collection of 16 stories provides an essence of Appalachian life, which includes the pioneer spirit and self-reliance. ISBN 978-0-945084-94-5

## High School and Adult (Grades 9-12)

Taylor, Judith M. *The Olive in California*. Ten Speed Press, 2000. This book brings together the history of the olive, from its beginning in ancient Mediterranean civilizations to the present, and clearly depicts an accurate account of the technology and science of the olive processing industry. ISBN 978-1-58008-131-3

Toussaint-Samat, Maguelonne. *A History of Food*. Blackwell Reference, 1994. This is a thorough and detailed reference book on the history of foods and food uses. ISBN 978-0-631-19497-2

Turner, Jack. *Spice: A History of Temptation*. Alfred A. Knopf, 2005. An original history of the spice trade and the appetites that fueled it, including discussions on spice myths, archeology, and literature. ISBN 978-0-375-70705-6

United States Department of Agriculture. *Americans in Agriculture: Portraits of Diversity*. The 1990 Yearbook of Agriculture, 1990. People of American agriculture, their jobs, lives, goals, and families. Includes facts and figures about our food and fiber system.

University of California, Davis. *Shaping Agriculture in the 21st Century*. Agricultural Issues Center, 1995. The report covers the impact of science, environmental perspectives, and economic factors that will affect agriculture in the next century.

Viola, Herman J. and Carolyn Margolis. *Seeds of Change*. First Glance Books, 1991. Words and photos explain the encounter and exchange of plants and animals between the Old and New Worlds and the transformation of peoples and land in the 500 years since Columbus. ISBN 978-1-56098-035-3

► Ward, Lesley. *Your Healthy and Happy Horse*. BowTie Inc, 2003. Tips, techniques, and color photos teach readers how to ride, train, and develop a lasting relationship between horse and owner. ISBN 978-1-931993-40-1

► Weakland, Mark. *Onion Juice, Poop, and Other Surprising Sources of Alternative Energy*. Capstone Press, 2011. Dig into some interesting new sources of energy through this “Nasty (But Useful!) Science” book. ISBN 978-1-4296-4536-2

► Weaver, Sue. *Hobby Farms: Chickens*. BowTie, Inc, 2005. An instructional guide that directs new and experienced farmers through the nuances of tending a small-scale flock. ISBN 978-1-931993-48-7

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Weaver, William Woys. *100 Vegetables and Where They Came From*. Algonquin Books, 2000. Enjoy learning about 100 intriguing vegetables from around the world, some of which are regulars on the dinner table. ISBN 978-1-56512-238-3

Whitman, Sylvia. *What's Cooking? The History of American Food*. Lerner Publications Company, 2001. This book links food to the big picture of agriculture and changes in transportation and health. ISBN 978-0-8225-1732-0

Wilson, David Stark. *Structures of Utility*. Heyday Books, 2003. Through an architect's eye, view the amazing photographs of packing sheds, grain silos, wooden tank house outbuildings, and mine elevators and appreciate how their presence has impacted California. ISBN 978-1-890771-62-1

Yafa, Stephen. *Big Cotton: How a Humble Fiber Created Fortunes, Wrecked Civilizations, and Put America on the Map*. Viking Press, 2005. A novel that discusses how the cultivation and production of cotton profoundly helped shape human history and impacts the way we live. ISBN 978-0-670-03367-6

Yogi, Stan. *Highway 99: A Literary Journey through California's Great Central Valley*. Heyday Books, 1996. This anthology, which includes more than 70 writers, provides a rich view of the region's physical and emotional landscape. ISBN 978-0-930588-82-3

Zuckerman, Larry. *Potato: How the Humble Spud Rescued the Western World*. North Point Press, 1999. Tells the story of how this vegetable, once regarded as trash food, had a revolutionary impact on Western history. ISBN 978-0-86547-578-6

# Agricultural Websites

This list of websites was compiled by California Foundation for Agriculture in the Classroom and is offered as an informational resource. It contains sites established by California agricultural groups, educational organizations, governmental agencies, universities, colleges, and private companies. At the time of this printing, California Foundation for Agriculture in the Classroom's Resource Review Committee considered these websites to have valuable information for educators. The entities or content of sites on this list are not necessarily endorsed by California Foundation for Agriculture in the Classroom, the California Farm Bureau Federation, or by the editor.

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
<b>Ag in the Classroom</b>					
Alabama Agriculture in the Classroom	<a href="http://www.alabamaaitc.org">www.alabamaaitc.org</a>	X	X		
Alaska Agriculture in the Classroom	<a href="http://www.alaskafb.org/~akaaitc">www.alaskafb.org/~akaaitc</a>	X	X		
American Farm Bureau Foundation for Agriculture	<a href="http://www.agfoundation.org">www.agfoundation.org</a>	X	X		X
Arizona Agriculture in the Classroom	<a href="http://cals.arizona.edu/agliteracy">cals.arizona.edu/agliteracy</a>	X			
Arkansas Agriculture in the Classroom	<a href="http://www.arfb.com/programs_activities/ag_classroom">www.arfb.com/programs_activities/ag_classroom</a>	X			
California Foundation for Agriculture in the Classroom	<a href="http://www.LearnAboutAg.org">www.LearnAboutAg.org</a>	X	X	X	
Colorado Foundation for Agriculture	<a href="http://www.growingyourfuture.com">www.growingyourfuture.com</a>		X		
Connecticut Agriculture in the Classroom	<a href="http://www.ctaef.org">www.ctaef.org</a>	X			
Delaware Agriculture in the Classroom	<a href="http://dda.delaware.gov">dda.delaware.gov</a>	X			
► El Dorado County Ag in the Classroom	<a href="http://www.agintheclasse-dc.org">www.agintheclasse-dc.org</a>	X	X		
Florida Agriculture in the Classroom	<a href="http://www.flagintheclassroom.com">www.flagintheclassroom.com</a>	X	X	X	
Georgia Agriculture In the Classroom	<a href="http://www.gfb.org/programs/aic">www.gfb.org/programs/aic</a>		X		
Idaho Agriculture in the Classroom	<a href="http://www.idahoaitc.org">www.idahoaitc.org</a>	X			
Illinois Agriculture in the Classroom	<a href="http://www.agintheclassroom.org">www.agintheclassroom.org</a>		X	X	
Indiana Agriculture Resource Council	<a href="http://www.infarmbureau.org/Programs.aspx?id=2258">www.infarmbureau.org/Programs.aspx?id=2258</a>	X			
Iowa Agriculture in the Classroom	<a href="http://www.iowafarmbureau.com">www.iowafarmbureau.com</a>	X			
Kansas Foundation for Agriculture in the Classroom	<a href="http://www.ksagclassroom.org">www.ksagclassroom.org</a>	X	X	X	
Kentucky Agriculture in the Classroom	<a href="http://www.kyfb.com/federation/agricultural%20education.asp">www.kyfb.com/federation/agricultural%20education.asp</a>	X			
Louisiana Agriculture in the Classroom	<a href="http://www.aitcla.org">www.aitcla.org</a>	X	X		
Maine Agriculture in the Classroom	<a href="http://www.mainefarmbureau.com/aginclass">www.mainefarmbureau.com/aginclass</a>	X	X		
Maryland Agriculture in the Classroom	<a href="http://www.maefonline.com">www.maefonline.com</a>		X		
Massachusetts Agriculture in the Classroom	<a href="http://www.umass.edu/umext/mac">www.umass.edu/umext/mac</a>		X		X
Michigan Agriculture in the Classroom	<a href="http://www.miagclassroom.org">www.miagclassroom.org</a>	X			
Minnesota Agriculture in the Classroom	<a href="http://www.mda.state.mn.us/kids">www.mda.state.mn.us/kids</a>		X		X
Mississippi Agriculture in the Classroom	<a href="http://www.msfb.com/Programs/aitc.aspx">www.msfb.com/Programs/aitc.aspx</a>		X	X	
Missouri Agriculture in the Classroom	<a href="http://www.mofb.org/AgintheClassroom.aspx">www.mofb.org/AgintheClassroom.aspx</a>	X			
Montana Agriculture in the Classroom	<a href="http://www.aginmontanaschools.org">www.aginmontanaschools.org</a>	X			
Nebraska Foundation for Agricultural Awareness	<a href="http://www.ne-aitc.org">www.ne-aitc.org</a>		X		
Nevada Agriculture in the Classroom	<a href="http://www.agclassroom.org/nv/">www.agclassroom.org/nv/</a>	X			
New Hampshire Agriculture in the Classroom	<a href="http://www.nhagintheclasse.org">www.nhagintheclasse.org</a>		X		
New Jersey Agricultural Society	<a href="http://www.njagsociety.org/aitc/aitc.htm">www.njagsociety.org/aitc/aitc.htm</a>		X		
New Mexico Agriculture in the Classroom	<a href="http://www.nmaitc.org">www.nmaitc.org</a>	X			
New York Agriculture in the Classroom	<a href="http://www.nyaged.org/aitc">www.nyaged.org/aitc</a>		X		
North Carolina Agriculture in the Classroom	<a href="http://www.ncagintheclassroom.com">www.ncagintheclassroom.com</a>		X		
North Dakota Agriculture in the Classroom	<a href="http://www.ndaginclassroom.org">www.ndaginclassroom.org</a>	X			
Ohio Agriculture in the Classroom	<a href="http://www.ofbf.org">www.ofbf.org</a>	X	X		X
Oklahoma Agriculture in the Classroom	<a href="http://www.clover.okstate.edu/fourh/aitc">www.clover.okstate.edu/fourh/aitc</a>		X		

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Oregon Agriculture in the Classroom	aitc.oregonstate.edu	X			
Pennsylvania Agriculture in the Classroom	www.pfb.com/programs/ag-in-the-classroom	X	X		
Rhode Island Agriculture in the Classroom	www.rifarmways.org	X			
South Carolina Agriculture in the Classroom	www.agclassroom.org/sc	X	X		
South Dakota Agriculture in the Classroom	www.sdagclassroom.org	X	X		
Tennessee Foundation for Agriculture in the Classroom	www.tnfarmbureau.org		X		
Texas Farm Bureau Agriculture in the Classroom	www.beagsmart.org	X	X		
USDA Agriculture in the Classroom	www.agclassroom.org		X	X	
Utah Agriculture in the Classroom	www.agclassroom.org/ut		X		
Vermont Agriculture in the Classroom	www.vt-aitc.org		X	X	
Virginia Agriculture in the Classroom	www.agintheclass.org	X	X		
Washington Agriculture in the Classroom	www.waic.net	X	X		
West Virginia Agriculture in the Classroom	www.agclassroom.org/wv	X			
Wisconsin Agriculture in the Classroom	www.wisagclassroom.org	X			
Wyoming Agriculture in the Classroom	www.wyomingagclassroom.org		X		
<b>Aquaculture</b>					
California Aquaculture Association	www.caaquaculture.org	X			X
Catfish Institute, The	www.catfishinstitute.com	X			X
Salmon Festival	www.salmonfestival.net	X	X		
U.S. Trout Farmers Association	www.ustfa.org	X			X
World Aquaculture Society	www.was.org	X			X
<b>Bees and Honey</b>					
► Brushy Mountain Bee Farm	www.brushymountainbeefarm.com	X			
Dadant & Sons	www.dadant.com	X			
► Häagen-Dazs	www.helpthethehoneybees.com	X			
National Honey Board	www.honey.com	X	X	X	X
NOVA Tales from the Hive	www.pbs.org/wgbh/nova/bees	X			X
<b>Biotechnology</b>					
Ag-West Biotech Inc.	www.agwest.sk.ca				X
Bio-Rad Laboratories	www.bio-rad.com	X	X		
Biotech Knowledge Center	www.biotechknowledge.com	X	X		X
Biotechnology Industry Organization	www.bio.org	X			X
Biotechnology Institute	www.biotechinstitute.org	X	X	X	X
California Biomedical Research Association	www.ca-biomed.org	X			X
Council for Biotechnology Information	www.whypiotech.com	X	X		X
National Agricultural Biotechnology Council	nabc.cals.cornell.edu	X			X
North Valley and Mountain Biotechnology Center	arc.losrios.edu/~biotech	X		X	
UC Biotechnology Program	www.biotech.ucdavis.edu	X			X
<b>Careers</b>					
American Society of Agricultural and Biological Engineers	www.asabe.org	X			X
American Society of Agronomy	www.agronomy.org	X			X
American Society of Animal Science	www.asas.org	X		X	X
Crop Science Society of America	www.crops.org	X			
► Florida Department of Agriculture and Consumer Services	www.florida-agriculture.com/PlanetAg	X	X		
Sloan Career Cornerstone Center	www.careercornerstone.org	X		X	
USDA Higher Education Programs	www.agriculture.purdue.edu/USDA/careers	X	X	X	
<b>Economics</b>					
Foundation for Teaching Economics	www.fte.org		X	X	
Hands on Banking	www.handsonbanking.com	X	X	X	

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Illinois Farm Bureau	www.farmingforyou.org	X			X
National Council on Economic Education	www.ncee.net		X		
USDA Economics Research Service	ers.usda.gov	X			X
<b>Education, Activities and Reference</b>					
AG DAY LA	www.agdayla.com				X
Agriculture and Natural Resources, University of California	anrcs.ucdavis.edu	X			
California Department of Ed Curriculum and Instructional Leadership Branch	www.cde.ca.gov/ci	X	X		X
California Food, Land and People	www.caflp.org	X	X		
California Regional Environmental Education Community	www.creec.org	X	X		X
Center for Land-Based Learning	www.landbasedlearning.org	X			
Education World	www.education-world.com	X	X		
Educator's Reference Desk	www.eduref.org		X		
Farm to School	www.farmtoschool.org	X			
Farming Game, The	www.farmgame.com		X		
Farmland Information Center	www.farmlandinfo.org	X			X
Farmology	www.farmology.com	X			
FarmPhoto	www.farmphoto.com	X			X
Food, Land and People	www.foodlandpeople.org		X		
Great Plant Escape, The	www.urbanext.uiuc.edu/gpe		X	X	
Kids Farm	www.kidsfarm.com		X	X	
► Learn About Ag	www.LearnAboutAg.org	X	X	X	
MESA Agricultural Initiative	www.calpoly.edu/~agmesa	X			X
National Agricultural Library	www.nal.usda.gov	X			X
National Council for Agricultural Education	www.teamaged.org	X	X		
Occidental Arts and Ecology Center	www.oaec.org	X			
Population Education	www.populationeducation.org	X	X		
Producepedia	www.producepedia.com	X			X
Resource Area for Teaching	www.raft.net	X	X		X
Schools Online, University of Illinois Extension	www.urbanext.uiuc.edu/SchoolsOnline	X	X	X	
Small Farm Center	www.sfc.ucdavis.edu	X			X
UC Hansen Trust	www.hansentrust.org	X			
<b>Eggs and Dairy</b>					
American Egg Board	www.aeb.org	X	X	X	X
Cabot Vermont	www.cabotchese.com	X	X	X	
California Milk Advisory Board	www.RealCaliforniaMilk.com	X		X	
Dairy America	www.dairyamerica.com				X
Dairy Council of California	www.dairyCouncilofca.org	X	X		
► Egg Nutrition Center	www.eggnutritioncenter.org	X	X		X
Hilmar Cheese Company	www.hilmarcheese.com	X		X	X
Incredible Edible Egg, The	www.incredibleegg.org	X		X	
Moo Milk	www.moomilk.com	X	X	X	
National Dairy Council	www.nationaldairyCouncil.org	X	X	X	X
► Pennsylvania Dairy Promotion Program	www.discoverdairy.com		X	X	
Purina Mills, Dairy	dairy.purinamills.com	X			X
Real California Cheese	www.realcaliforniacheese.com	X		X	X
<b>Energy</b>					
Energy Quest	www.energyquest.ca.gov	X	X	X	
National Biodiesel Board	www.biodiesel.org	X			X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
National Energy Education Development Program	www.need.org	X	X		X
<b>Environment and Natural Resources</b>					
AIR Now	www.airnow.gov	X	X		X
Bird Education Network	www.birdeducation.org	X			
California Coastal Commission	www.coastforyou.org	X	X	X	
Classroom Earth	www.classroomearth.org		X		
Council for Environmental Education	www.councilforee.org	X	X		
Disney's Planet Challenge	disney.go.com/planetchallenge	X	X		
Flying WILD Bird Conservation	www.flyingwild.org	X	X		
Interagency Ecological Program	www.iep.ca.gov				X
Journey North	www.learner.org/jnorth	X	X	X	
Mineral Information Institute	www.mii.org	X	X		X
National Mining Association	www.nma.org				X
Planet Pals	www.planetpals.com		X	X	
San Joaquin Valley Air Pollution Control District	www.valleyair.org	X	X		X
▶ Smithsonian National Zoological Park	nationalzoo.si.edu/Education/ClassroomPartnerships/ BioDivMonPro	X	X		
U.S. Environmental Protection Agency	www.epa.gov	X	X	X	X
<b>Fairs and Farms</b>					
California State Fair	www.bigfun.org	X	X	X	
Centennial Farm	www.ocfair.com/farm	X	X		
Colusa Farm Show	www.thefarmshow.com	X			
Harvest Time in Brentwood	www.harvest4you.com	X			
Lake County Farmers' Finest	www.lakecountyfarmersfinest.org	X			
Mendocino County Promotional Alliance	www.gomendo.com	X			
Orange County Fair and Exposition Center	www.ocfair.com	X	X		
Underwood Family Farms	www.underwoodfamilyfarms.com	X			
Western Fairs Association	www.westernfairs.org	X			
<b>Farm Bureau</b>					
Amador County Farm Bureau	www.amadorfarmbureau.com	X			
American Farm Bureau Federation	www.fb.org	X			
Butte County Farm Bureau	www.buttefarmbureau.com	X			
California Farm Bureau Federation	www.cfbf.com	X			X
Colusa County Farm Bureau	colusa.cfbf.com	X			
Contra Costa County Farm Bureau	www.cccfb.org	X			
El Dorado County Farm Bureau	www.edcfb.com	X			
Farm Bureau of Ventura County	www.farmbureauvc.com	X			
Fresno County Farm Bureau	www.fcfb.org	X			
Humboldt County Farm Bureau	www.humboldtfarmbureau.org	X			
Imperial County Farm Bureau	www.icfb.net	X			
Inyo-Mono County Farm Bureau	www.inyomonofb.org	X			
Kern County Farm Bureau	www.kerncfb.com	X			
Kings County Farm Bureau	www.kcfb.org	X			
Lake County Farm Bureau	www.lakecofb.com	X			
Los Angeles County Farm Bureau	www.lacfb.org	X			
Madera County Farm Bureau	www.maderafb.com	X			
Mendocino County Farm Bureau	www.mendofb.org	X			
Merced County Farm Bureau	www.mercedfarmbureau.org	X			
Modoc County Farm Bureau	modoc.cfbf.com	X			



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Monterey County Farm Bureau	www.montereycfb.com	X			
Napa County Farm Bureau	www.napafarmbureau.org	X			
Nevada County Farm Bureau	www.nevadacofb.org	X			
Orange County Farm Bureau	orange.cfbf.com	X			
Placer County Farm Bureau	www.placercfb.com	X			
Riverside County Farm Bureau	www.riversidecfb.com	X			
Sacramento County Farm Bureau	www.sacfarmbureau.org	X			
San Bernardino County Farm Bureau	sanbernardino.cfbf.com	X			
San Diego County Farm Bureau	www.sdfarmbureau.org	X			
San Joaquin Farm Bureau Federation	www.sjfb.org	X			
San Luis Obispo County Farm Bureau	www.slofarmbureau.org	X			
San Mateo County Farm Bureau	sanmateo.cfbf.com	X			
Santa Barbara County Farm Bureau	www.sbcfb.com	X			
Santa Clara County Farm Bureau	www.sccfarmbureau.org	X			
Santa Cruz County Farm Bureau	www.sccfb.com	X			
Siskiyou County Farm Bureau	www.siskiyoucountyfarmbureau.com	X			
Solano County Farm Bureau	www.solanocountyfarmbureau.org	X			
Sonoma County Farm Bureau	www.sonomacountyfarmbureau.com	X			
Stanislaus County Farm Bureau	www.stanfarmbureau.com	X			
Tulare County Farm Bureau	www.tulcofb.org	X			
Tuolumne County Farm Bureau	www.tcfarmbureau.net	X			
Yolo County Farm Bureau	www.yolofarmbureau.org	X			
Yuba-Sutter County Farm Bureau	yubasutter.cfbf.com	X			
<b>Fertilizer</b>					
California Fertilizer Foundation	www.calfertilizer.org	X	X		X
► Fertilizer Institute, The	www.fertilizer101.org	X			
Nutrients for Life Foundation	www.nutrientsforlife.org	X	X	X	
<b>Fiber</b>					
Calcot Ltd.	www.calcot.com	X			X
Cotton's Journey	www.cottonsjourney.com	X	X	X	
Fur Commission USA	www.furcommission.com	X	X		
Handweavers Guild of America, Inc.	www.weavespindye.org	X			
National Cotton Council of America	www.cotton.org	X	X		X
National Cottonseed Products Association, Inc.	www.cottonseed.com	X			X
Pendleton Woolen Mills	www.pendleton-usa.com	X			X
<b>Field Trips</b>					
AgVentures! Museum & Learning Center	www.heritagecomplex.com	X	X		
Amy's Farm Tours	www.amysfarm.com	X			
California Agritourism Database	www.calagtour.org		X		
California Citrus Park	www.parks.ca.gov	X			
► Countryside Farms	www.countryside-farms.com	X			
El Dorado County Farm Trails	www.edc-farmtrails.org	X			
Elizabeth Gamble Garden	www.gamblegarden.org	X	X		
Exploratorium	www.exploratorium.edu	X	X	X	
Flowerfields, The	www.theflowerfields.com	X	X		
Gardens at Heather Farm	www.gardenshf.org	X	X		
Gilroy Gardens	www.gilroygardens.org	X	X	X	
Great American Petting Zoo	www.greatamericanpettingzoo.com	X	X		
Haag Farm	www.walnutswalnuts.com	X			

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Hamburger Farm, The	www.bishopspumpkinfarm.com	X			
Heidrick Ag History Center	www.aghhistory.org	X			
Hidden Villa Farms	www.hiddenvilla.org	X			X
Huntington Botanical Gardens	www.huntington.org	X			X
Hurst Ranch	www.hurstranch.com	X			
Kids' Farm, Smithsonian National Zoological Park	nationalzoo.si.edu/animals/kidsfarm	X	X	X	
Luther Burbank Home and Gardens	www.lutherburbank.org	X	X		
MAiZe, The	www.cornfieldmaze.com	X		X	X
Micke Grove County Park	www.mgzoo.com	X			
Pumpkin Farm, The	www.pumpkinfarm.net	X			
Rancho Santa Ana Botanic Garden	www.rsabg.org	X			
Sonoma County Farm Trails	www.farmtrails.org	X			
Squaw Valley Herb Gardens	www.squawvalleyherbgardens.com	X	X		X
Tanaka Farms	www.tanakafarms.com	X			
Turtle Bay Exploration Park	www.turtlebay.org	X	X		
UC Student Farm/Children's Garden	asi.ucdavis.edu	X			
University of California Desert Research and Extension Center	desertrec.ucdavis.edu	X			
<b>Food</b>					
American Frozen Foods Institute	www.affi.com	X			X
Discovering the Food System	foodsys.cce.cornell.edu	X	X		X
Food and Fiber Systems Literacy Project	food_fiber.okstate.edu		X		
Food Museum	www.foodmuseum.com	X	X	X	
Food Routes	www.foodroutes.org	X			
Fruit and Veggie Color Champions	www.foodchamps.org			X	
Home Baking Association	www.homebaking.org/familyfun	X	X		
Institute of Food Technologists	www.ift.org	X	X		X
International Food Information Council	www.foodinsight.org	X	X		X
Magic Dough Show Breadmake Box	www.breadmake.com	X	X		
Mennonite Central Committee	www.worldcommunitycookbook.org				X
Mo' Better Food	www.mobetterfood.com	X			X
Tiny Tummies	www.tinytummies.com	X	X		
What's Cooking America	www.whatscookingamerica.net	X			X
<b>Food Safety and Farm Safety</b>					
▶ Center for Food Integrity, The	www.bestfoodfacts.org	X			X
Farm Safety 4 Just Kids	www.fs4jk.org		X	X	
▶ Fight BAC!	www.fightbac.org	X	X	X	
▶ Food Safety and Inspection Service	www.fsis.usda.gov/OA/foodsafetymobile/mobilegame.swf	X		X	
Gateway to Government Food Safety Information	www.foodsafety.gov	X	X	X	X
▶ NSF International	www.scrubclub.org	X	X	X	
<b>Forestry and Forest Products</b>					
American Forest and Paper Association	www.afandpa.org	X	X	X	X
American Forest Foundation	www.affoundation.org	X	X		X
American Forests	www.americanforests.org	X	X	X	X
Associated California Loggers	www.calog.com	X			X
El Dorado County Christmas Tree Growers	www.chooseandcut.com	X			
Forest Foundation, The	www.calforestfoundation.org	X	X	X	X
Forestry Institute for Teachers	www.forestryinstitute.org		X		
Forests Online	www.foresthealth.org	X			
Idaho Forest Products Commission	www.idahoforests.org	X	X	X	X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
International Paper	www.internationalpaper.com	X	X		X
Paper Industry	www.paperhall.org	X	X		X
▶ Smithsonian National Zoological Park	nationalzoo.si.edu/Education/ConservationCentral/walk	X	X	X	
Society of Wood Science and Technology	www.swst.org	X			X
▶ Stewards of the Coast and Redwoods	www.stewardsofthecoastandredwoods.org	X	X		
Woodlinks	www.woodlinks.com	X	X		
<b>Gardening and Horticulture</b>					
American Botanical Society	www.herbalgram.org	X	X		X
American Horticultural Society	www.ahs.org	X			X
California Association of Nurseries and Garden Centers	www.cangc.org	X	X		X
California Garden Clubs	www.cagardenclub.org		X	X	
California School Garden Network	www.csgn.org	X	X		X
Common Ground Garden Program	celosangeles.ucdavis.edu/ Common_Ground_Garden_Program	X	X		
EarthBox	www.earthbox.com/education	X	X		X
Easy Garden	www.easy-garden.com	X			
EnviroScape	www.enviroscape.com	X	X		
Garden ABC's	www.gardenabcs.com	X	X		
Garden Gate, The	garden-gate.prairienet.org	X			X
Garden of Learning	www.gardenoflearningk6.com	X	X		
Garden Web	www.gardenweb.com	X			X
Junior Master Gardener Program	www.jmgkids.us	X	X		
Kitchen Gardeners International	www.kitchengardeners.org	X			X
National Garden Clubs	www.gardenclub.org		X	X	
National Gardening Association	www.kidsgardening.org	X	X		
▶ School Garden Wizard	www.schoolgardenwizard.org	X			
▶ Smart Gardening	www.smartgardening.com	X			
▶ University of Illinois Extension	urbanext.illinois.edu/container	X		X	
<b>General Agriculture</b>					
▶ Alltech	www.alltech.com/kidzone		X		X
▶ American Farm Bureau Foundation for Agriculture	www.myamericanfarm.org	X		X	
Buy California Marketing Agreement	www.californiagrown.org	X	X		
California Cowboy Gathering	www.cowboygathering.com	X	X		
▶ Camp Silos	www.campsilos.org	X	X	X	
COSI Columbus	www.cosi.org/educators/activities	X	X	X	
Harvest of History	www.harvestofhistory.org	X	X	X	
John Deere	www.greenfunstore.com	X		X	
NASA Kids	www.nasakids.com		X	X	X
National Weather Service	www.nws.noaa.gov	X	X		X
▶ Purdue Agronomy	www.agry.purdue.edu/k12_index.asp	X	X	X	
Skyeye Weather	www.skyeyeweather.com/learn.html	X	X		X
▶ USDA Farmers Market Directory	apps.ams.usda.gov/farmersmarkets	X			X
<b>Grains, Nuts, and Legumes</b>					
American Peanut Council	www.peanutsusa.com	X	X		X
▶ America's Alfalfa	www.americasalfalfa.com				X
Blue Diamond Growers	www.bluediamond.com	X			X
California Dry Bean Advisory Board	www.calbeans.org	X			X
California Rice Commission	www.calrice.org	X			X
California Wild Rice Advisory Board	www.cawildrice.com	X			

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Diamond Foods	www.diamondnuts.com	X			
Dixon Ticonderoga Company	www.prang.com	X	X		
National Pasta Association	www.ilovepasta.org	X			X
National Peanut Board	www.nationalpeanutboard.org	X	X	X	
National Sunflower Association	www.sunflowernsa.com	X	X	X	X
Peanut Butter	www.peanutbutterlovers.com	X			X
Soyfoods Association of North America	www.soyfoods.org	X			X
U.S. Grains Council	www.grains.org	X			X
USA Rice Federation	www.usarice.com	X			X
Virginia-Carolina Peanuts	www.aboutpeanuts.com	X	X	X	X
Walnut Marketing Board	www.walnuts.org	X			X
<b>Insects</b>					
Entomological Society of America	www.entsoc.org	X			X
Insect Lore	www.insectlore.com	X	X		
Monarch Watch	www.monarchwatch.org	X	X		X
<b>Livestock</b>					
► Agripedia	www.ca.uky.edu/agripedia			X	
American Horse Council	www.horsecouncil.org	X			X
American Quarter Horse Association	www.aqha.com	X	X	X	
American Sheep Industry Association	www.sheepusa.org	X			X
California Thoroughbred Breeders Association	www.ctba.com	X			X
► Conversations on Animal Care	www.conversationsoncare.com	X			
Pacific Coast Quarter Horse Association	www.pcqha.com	X			X
Tennessee Walking Horse Breeders' and Exhibition Association	www.twhbea.com	X			X
<b>Meat and Poultry</b>					
American Beefalo International	www.ababeefalo.org	X			
Beef Checkoff for Educators, The	www.teachfree.com		X		X
Beef for Foodservice Professionals	www.beeffoodservice.com		X		X
Beefnutrition.org	www.beefnutrition.org	X	X		X
California Beef Council	www.calbeef.org	X	X		X
California Poultry Federation	www.cpif.org	X			X
Certified Angus Beef	www.certifiedangusbeef.com	X			X
Iowa Turkey Federation	www.iowaturkey.com	X	X	X	
National Cattlemen's Beef Association	www.beef.org	X	X		X
National Pork Board	www.otherwhitemeat.com	X		X	X
National Turkey Federation	www.eatturkey.com	X			X
Pork Checkoff	www.pork.org	X	X	X	
Zip4tweens	www.zip4tweens.com	X	X	X	
<b>Music</b>					
Banana Slug String Band	www.bananaslugstringband.com		X		
Food Safety Music	foodsafe.ucdavis.edu	X	X		X
Sam Jones Music	www.samjonesmusic.com	X			
Sons of the San Joaquin	www.thesons.com	X		X	
<b>Newspapers and Magazines</b>					
Ag Alert®	www.agalert.com	X			
Agricultural History Society	www.aghistorysociety.org/journal	X			
California Agriculture	californiaagriculture.ucanr.org	X			X
California Country	www.californiacountry.org	X	X		
Capital Press Agriculture Weekly	www.capitalpress.info	X			X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Evergreen Foundation	www.evergreenmagazine.com	X			X
Garden Gate Magazine	www.gardengatemagazine.com	X			X
National Geographic Society	www.nationalgeographic.com	X	X	X	X
Natural Inquirer	www.naturalinquirer.org	X	X	X	X
Old Farmer's Almanac for Kids, The	www.almanac4kids.com	X	X	X	
Old Farmer's Almanac, The	www.almanac.com	X		X	X
<b>Nursery, Floriculture, and Botanical Gardens</b>					
California Cut Flower Commission	www.cffc.org	X	X		X
Cellugro Gardens	www.cellugro.com	X	X		
Great Sunflower Project, The	www.greatsunflower.org	X	X		
International Cut Flower Growers Association	www.rosesinc.org	X		X	
Jack Sprout Inc.	www.jacksprout.com		X	X	
JES Dahlia Society	www.jesdahlias.org	X			X
Missouri Botanical Garden	www.mobot.org	X	X	X	X
Society of American Florists	www.safnow.org	X	X		X
UC Botanical Garden	botanicalgarden.berkeley.edu	X			
UC Davis Arboretum	arboretum.ucdavis.edu	X	X		
<b>Nutrition</b>					
▶ Avocado Central	www.avocadocentral.com	X		X	
▶ California Project LEAN	www.californiaprojectlean.org	X	X		X
California School Nutrition Association	www.stayfiteatright.org	X	X	X	
Champions for Change	www.cachampionsforchange.net	X			
Children's Power Play! Campaign	www.networkforahealthycalifornia.net/powerplay	X	X		
Dole Nutrition Institute	www.dolenutrition.com	X			X
Dole Superfoods	www.dolesuperfoods.com	X			
Dole SuperKids	www.dolesuperkids.com	X	X	X	
Feeding Minds, Fighting Hunger	www.feedingminds.org	X	X		X
▶ Food and Nutrition Information Center	fnic.nal.usda.gov	X			
Healthy Kids Resource Center	www.californiahealthykids.org		X		X
International Plant Nutrition Institute	www.ipni.net	X		X	X
It's Elementary	www.ppi-far.org/Elementary/homepage.html		X		
Kid Well Enterprise	www.munchcrunchbunch.com		X		
▶ Learning ZoneXpress	www.learningzonexpress.com	X			
Nutrition for Kids	www.nutritionforkids.com	X	X	X	
Produce for Better Health Foundation	www.fruitsandveggiesmorematters.org	X	X	X	X
USDA: MyPyramid	www.mypyramid.gov	X	X	X	X
<b>Organic</b>					
California Certified Organic Farmers	www.ccof.org	X			X
Local Harvest	www.localharvest.org	X			X
Long Beach Organic	www.longbeachorganic.org	X	X		X
<b>Organizations and Agencies</b>					
4-H Center for Youth Development	fourhcyd.ucdavis.edu	X			
Agricultural Research Service	www.ars.usda.gov	X	X	X	
Agriculture Council of America	www.agday.org	X	X		
▶ American Agri-Women	www.americanagriwomen.org	X			
American Farmland Trust	www.farmland.org	X			X
California 4-H Youth Development Program	www.ca4h.org	X	X		
California Agriculture Education	www.calaged.org	X	X	X	
California Department of Fish and Game	www.dfg.ca.gov	X			X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
California Federation of Certified Farmer's Markets	www.cafarmersmarkets.com	X			X
California Restaurant Association Educational Foundation	www.calrest.org	X			X
California Women for Agriculture	www.cawomen4ag.com	X			
Centers for Disease Control	www.cdc.gov	X			X
CropLife America	www.croplifeamerica.org	X			X
Farm Service Agency	www.fsa.usda.gov	X			X
Farm Service Agency Kids	www.fsa.usda.gov/fsakids	X		X	X
Fresh Produce and Floral Council	www.fpsc.org	X			X
Marin Agricultural Land Trust	www.malt.org	X			X
National 4-H Council	www.fourhcouncil.edu	X	X		
National 4-H Mall	www.4-hmall.org		X		
National Agricultural Aviation Association	www.agaviation.org	X			X
National Arbor Day Foundation	www.arborday.org	X	X	X	X
National Association of Biology Teachers	www.nabt.org		X		
National Farm-City Council, The	www.farmcity.org	X	X		
National FFA Organization	www.ffa.org	X	X	X	
Retailer's Bakery Association	www.rbanet.com	X			X
San Luis Obispo CattleWomen	www.cattlwomen-slo.org		X		X
U.S. Department of Agriculture	www.usda.gov	X	X		X
U.S. Food and Drug Administration for Veterinary Medicine	www.fda.gov/cvm	X			X
Western Growers Association	www.westerngrowersfoundation.org	X	X	X	X
Western Plant Health Association	www.healthypants.org	X			X
Yolo Basin Foundation	www.yolobasin.org	X	X		
<b>Organizations and Agencies - Federal</b>					
National Institute of Food and Agriculture	www.nifa.usda.gov	X			
U.S. House Agriculture Committee	www.house.gov/agriculture	X			X
White House	www.whitehouse.gov	X		X	X
<b>Organizations and Agencies - State</b>					
California Department of Food and Agriculture	www.cdffa.ca.gov	X		X	X
California Department of Food and Agriculture, Kids' Page	www.cdffa.ca.gov/Kids_Page.html	X	X	X	
California Department of Food and Agriculture, Red Imported Fire Ants	www.fireant.ca.gov	X	X		X
California Department of Pesticide Regulation	www.cdpr.ca.gov	X			X
California Department of Water Resources	www.dwr.water.ca.gov	X	X		X
<b>Other Commodities and By-Products</b>					
American Sugar Alliance	www.sugaralliance.org	X			X
California Olive Industry	www.calolive.org	X	X		X
Fur Commission USA Educational Resources	www.furcommission.com/educat	X	X		X
Olive Oil Source, The	www.oliveoilsource.com	X			X
Sugar Association	www.sugar.org	X		X	X
► University of Illinois Extension	urbanext.illinois.edu/corn		X	X	
<b>Pest Management</b>					
► National Pest Management Association	www.pestworldforkids.org	X	X	X	
Orkin	www.orkin.com	X	X	X	
UC Statewide Integrated Pest Management Program	www.ipm.ucdavis.edu	X			X
<b>Plants</b>					
American Phytopathological Society	www.apsnet.org	X	X		X
Botanical Society of America	www.botany.org	X			X
California Invasive Plant Council	www.cal-ipc.org	X			X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
California Native Plant Society	www.cnps.org	X	X	X	X
Perennial Plant Association	www.perennialplant.org	X			X
Plants Database	plants.usda.gov	X	X	X	X
Wisconsin Fast Plants	fastplants.org	X	X	X	
<b>Produce - Berries</b>					
California Strawberry Commission	www.californiastrawberries.com	X	X	X	X
Cape Cod Cranberry Growers' Association	www.cranberries.org	X			X
Naturipe Berry Growers	www.naturipe.com	X			X
U.S. Highbush Blueberry Council	www.blueberry.org	X	X		X
Washington Red Raspberry Commission	www.red-raspberry.org	X			X
Wild Blueberries	www.wildblueberries.com	X			X
<b>Produce - Fruit</b>					
► ANR Avocado Information	www.ucavo.ucr.edu	X			
Apple Hill Growers Association	www.applehill.com	X			
Apricot Producers of California	www.apricotproducers.com	X		X	X
Calavo Growers	www.calavo.com	X			X
California Apple Commission	www.calapple.org	X		X	X
California Avocado Commission	www.californiaavocado.com	X	X	X	X
California Canning Peach Association	www.calpeach.com	X			X
California Cherry Advisory Board	www.calcherry.com	X			X
California Cling Peach Board	www.calclingpeach.com	X	X	X	X
California Date Administrative Committee	www.datesaregreat.com	X			X
California Dried Plum Board	www.californiadriedplums.org	X	X	X	X
California Fig Advisory Board	www.californiafigs.com	X			X
California Kiwifruit Commission	www.kiwifruit.org	X			X
California Pear Advisory Board	www.calpear.com	X			X
California Raisins	www.raisins.org	X			X
California Rare Fruit Growers	www.crfg.org	X			X
California Table Grape Commission	www.freshcaliforniagrapes.com	X	X	X	X
California Tree Fruit Agreement	www.eatcaliforniafruit.com	X			
Citrus Research Board	www.citrusresearch.com	X			X
Concord Grape Association	www.concordgrape.org	X			X
► Fruit and Veggie Guru	www.fruitandveggieguru.com	X			
Fruit Pages, The	www.thefruitpages.com	X		X	X
Oak Glen Apple Growers Association	www.oakglen.net	X			
Pacific Coast Producers	www.pcoastp.com	X			X
Pear Bureau Northwest	www.usapears.org	X	X	X	X
Sunkist	www.sunkist.com	X	X	X	X
Sun-Maid Growers of California	www.sunmaid.com	X			X
U.S. Apple Association	www.usapple.org	X	X		X
<b>Produce - Mushroom</b>					
American Mushroom Institute	www.americanmushroom.org	X			X
Gourmet Mushrooms, Inc.	www.mycopia.com	X	X		X
Mushroom Council, The	www.mushroomcouncil.com	X			X
<b>Produce - Other</b>					
► Almond Board of California	www.almondboard.com	X			X
Fresh King Inc.	www.freshking.com	X			X
► Green Nut, The	www.thegreennut.org	X			
Harvest of the Month	www.harvestofthemonth.com	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Leafy Greens Council	www.leafy-greens.org	X	X		X
National Watermelon Promotion Board	www.watermelon.org	X	X	X	X
Ocean Mist Farms	www.oceanmist.com	X			X
Pfyffer Associates	www.brussels-sprouts.com	X			X
Potandon Produce	www.potandon.com	X			X
► Western Pistachio Association	www.westernpistachio.org	X			
<b>Produce - Potato</b>					
National Potato Promotion Board	www.potatogoodness.com	X	X		X
North Carolina Sweet Potato Commission	www.ncsweetpotatoes.com	X	X	X	
Sweet Potato Council of California	www.cayam.com	X			X
<b>Produce - Vegetable</b>					
American Mint	www.mintstills.com	X			X
California Artichoke Advisory Board	www.artichokes.org	X		X	X
California Asparagus Commission	www.calasparagus.com	X	X	X	X
California Tomato Commission	www.tomato.org	X	X	X	X
California Tomato Growers Association	www.ctga.org	X			X
► Great Corn Adventures, The	www.urbanext.uiuc.edu/corn	X	X	X	
Grimmway Farms	www.grimmway.com	X		X	
► Illinois Corn	www.ilcorn.org	X	X		
National Corn Growers Association	www.ncga.com	X	X	X	X
National Onion Association	www.onions-usa.org	X			X
Popcorn Board, The	www.popcorn.org	X	X	X	X
<b>Publishers, Books, and Authors</b>					
A & E	store.aetv.com	X			
Acorn Naturalists	www.acornnaturalists.com	X	X		
AIMS Education Foundation	www.AIMSedu.org	X	X	X	
Albert Whitman & Company	www.albertwhitman.com	X			
Bad Wolf Press	www.badwolfpress.com		X		
Better Homes and Gardens	www.bhg.com	X			X
Beyda for Books	www.beydaforbooks.com	X			
Brain Child Books	www.brainchildpress.com		X		
Capstone Press	www.capstonepress.com	X			
CDE Press	www.cde.ca.gov/re/pn		X		
Children's Book Council, The	www.cbcbooks.org	X	X		
Evan-Moor Corporation	www.evan-moor.com		X		
Fulcrum Publishing	www.fulcrumbooks.com	X			
Good Nature Publishing	www.goodnaturepublishing.com	X			
Growing Seasons	www.growingseasons.com		X	X	
Heinemann Classroom	www.heinemannraintree.com	X			
Holiday House, Inc.	www.holidayhouse.com	X			
Karen Adler Books	www.karenadlerbooks.com	X			
Libraries Unlimited	www.lu.com				X
Magic School Bus	www.scholastic.com/magicschoolbus		X	X	
Masumoto, David Mas	www.masumoto.com	X			
Nasco California	www.enasco.com	X	X		
National Steinbeck Center	www.steinbeck.org	X	X	X	
NEAT Solutions, Inc.	www.neatsolutions.com		X		
NoteNiks	www.noteniks.com	X			
PCI Educational Publishing	www.pcieducation.com	X	X		



Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
SmartPicks, Inc.	www.smartpicks.com	X	X		
Teacher Ideas Press	www.teacherideaspress.com		X		
Tilbury House Publishers	www.tilburyhouse.com	X			
UC Agriculture and Natural Resources (DANR)	www.anrcatalog.ucdavis.edu		X		X
Video Placement Worldwide	www.vpw.com		X		
<b>Science</b>					
American Chemical Society	www.acs.org	X	X		
▶ American Phytopathological Society	www.apsnet.org/education	X	X	X	X
California Science Teachers Association	www.cascience.org	X	X		
Center for Engineering Plants for Resistance Against Pathogens	ceprap.ucdavis.edu	X	X		X
Council for Agricultural Science and Technology	www.cast-science.org		X		X
Life Lab Science Program	www.lifelab.org	X	X		
▶ Microbe World	www.microbeworld.org				X
National Science Teachers Association	www.nsta.org		X		
Partnership for Plant Genomic Education	ppge.ucdavis.edu	X	X	X	
▶ Purdue University	www.ag.purdue.edu/Agry	X	X		
Sci4Kids	www.ars.usda.gov/is/kids		X	X	
Science Education for Public Understanding Program	www.sepup.com		X		X
Science NetLinks	www.sciencenetlinks.com		X		
<b>Seeds</b>					
America the Beautiful Fund	www.freeseeds.us		X		
▶ First the Seed Foundation	www.firsttheseedfoundation.org	X	X	X	
Monsanto Company	www.monsanto.com	X			X
Seed Biotechnology Center	sbc.ucdavis.edu	X			X
<b>Soil</b>					
▶ Natural Resources Conservation Service	www.nrcs.usda.gov/FEATURE/education/squirm/skworm.html	X		X	
Soil and Water Conservation Society	www.swcs.org	X	X		X
Soil Science Society of America	www.soils.org	X			X
<b>Statistics</b>					
California Agricultural Statistics Service	www.nass.usda.gov/ca	X			X
Food-Stats.com	www.food-stats.com	X			X
<b>Sustainable Agriculture</b>					
Alternative Farming Systems Information Center	afsic.nal.usda.gov	X			X
Community Alliance with Family Farmers	www.caff.org	X			X
Heifer International	www.heifer.org	X	X		X
National Sustainable Agriculture Information Service	www.attra.ncat.org	X	X		X
<b>Television</b>					
▶ America's Heartland	www.americasheartland.org/education	X	X	X	
California Country	www.californiacountry.org	X			
California Heartland	www.californiaheartland.com	X			
Home and Garden Television	www.hgtv.com	X			
▶ Huell Howser Productions	www.calgold.com	X			
World of A & E, The	www.aetv.com	X	X		
<b>Trees</b>					
California Christmas Tree Association	www.cachristmas.com	X			X
California Redwood Association	www.calredwood.org	X			X
Historic Tree Nursery	www.historictrees.org	X			X
National Christmas Tree Association	www.realtrees4kids.org	X	X	X	

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Project Learning Tree	www.plt.org	X	X		
Real Trees for Kids	realtrees4kids.org	X	X		
► Sacramento Tree Foundation	www.sactree.com	X	X		
Talk About Trees	www.talkabouttrees.org	X	X	X	
Treetures	www.treetures.com		X	X	X
<b>Universities and Schools</b>					
AGRIsapes	www.csupomona.edu/~agriscapes	X	X		
Cal Poly, Pomona	www.csupomona.edu	X			X
Cal Poly, San Luis Obispo	www.calpoly.edu	X			
California Agricultural Technology Institute, Fresno State	cati.csufresno.edu	X			X
California Colleges	www.californiacolleges.edu	X		X	
California State University System	www.calstate.edu	X		X	X
Chico State University	www.csuchico.edu	X		X	
Cornell University Living Sculptures	www.hort.cornell.edu/livingsculpture	X	X		
Iowa State University Extension	www.extension.iastate.edu	X	X	X	X
Johns Hopkins University, Agriculture and Public Health	aphg.jhsph.edu	X			
Lawrence Hall of Science	www.lhs.berkeley.edu	X	X	X	
Student Farm, The	studentfarm.ucdavis.edu	X	X		
UC Berkeley College of Natural Resources	www.cnr.berkeley.edu	X			X
UC Berkeley, Lawrence Hall of Science, GEMS Program	www.lhsgems.org	X	X		X
UC Davis College of Agriculture	www.aes.ucdavis.edu	X			
UC Kearney Agricultural Center	www.uckac.edu	X			X
UC Riverside College of Agriculture	cnas.ucr.edu	X			X
UC Sustainable Agriculture Research and Education Program	www.sarep.ucdavis.edu	X			X
<b>Waste, Composting, and Recycling</b>					
Adventures of Herman the Worm	www.urbanext.uiuc.edu/worms	X	X	X	X
Recycling and Waste Commission of Santa Clara County	www.reducewaste.org	X	X		X
Worm Digest	www.wormdigest.org	X			X
Worm Drive—The Musical	www.wormdrivemusical.com		X	X	
Worm Woman	www.wormwoman.com	X	X		X
<b>Water</b>					
Association of California Water Agencies	www.acwa.com	X			X
► Bureau of Reclamation	www.usbr.gov/mp/arwec				
California Farm Water Coalition	www.farmwater.org	X	X	X	X
California Water Awareness Campaign	www.wateraware.org	X	X	X	
Central Contra Costa Sanitary District	www.centralsan.org	X	X		X
Coachella Valley Water District	www.cvwd.org	X			X
H2O Conserve	www.h2oconserve.org	X	X	X	
San Diego Water Authority	www.sdcwa.org	X	X		X
► Sierra to Sea	sierratosea.ucdavis.edu	X			
Water Education Foundation	www.watereducation.org	X	X	X	
Westlands Water District	www.westlandswater.org	X	X		
<b>Watershed</b>					
Kings River Conservation District	www.krcd.org	X			X
National Association of Conservation Districts	www.nacdnet.org	X	X		X
<b>Wildlife</b>					
California Waterfowl Association	www.calwaterfowl.org	X	X		X
Ducks Unlimited	www.ducks.org	X	X	X	X
National Audubon Society	www.audubon.org	X	X	X	X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Native Bird Connections	<a href="http://www.nativebirds.org">www.nativebirds.org</a>	X	X		X
Project Wild	<a href="http://www.projectwild.org">www.projectwild.org</a>		X		
<b>Winegrapes and Wine</b>					
Anderson Valley Winegrowers Association	<a href="http://www.avwines.com">www.avwines.com</a>	X			X
Sonoma County Wineries Association	<a href="http://www.sonomawine.com">www.sonomawine.com</a>	X			



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# California Foundation for Agriculture in the Classroom

## Resource Recommendation



I have seen or created the following resource and recommend that the California Foundation for Agriculture in the Classroom (CFAITC) Resource Review Committee review it for possible inclusion in the next *Teacher Resource Guide* or other CFAITC publication.

Recommender's Name \_\_\_\_\_

Phone Number \_\_\_\_\_

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E-mail \_\_\_\_\_

Enroll me in the monthly educator e-newsletter, *Cream of the Crop*.

*Note: Please provide as much information as you can about the resource so a review copy can be obtained.*

Type of Resource (book, kit, video, etc.) \_\_\_\_\_

Name of Resource \_\_\_\_\_

Brief Description \_\_\_\_\_

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Grade Level(s) \_\_\_\_\_ Cost \_\_\_\_\_

Name of Company/Organization/Publisher \_\_\_\_\_

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

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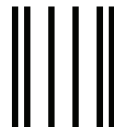
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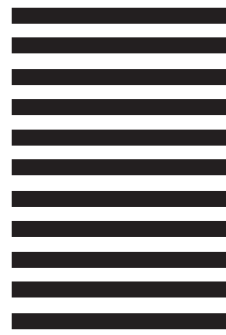
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# California Foundation for Agriculture in the Classroom

## Teacher Resource Guide Evaluation



Once you have had the opportunity to use this *Teacher Resource Guide*, please take a few moments to complete this evaluation form.

This guide is intended to help you, the educator, bring agricultural education into your classrooms.

Please let us know if we met this goal. We value your opinion.

Fold Here

Please rank the following from 1 to 5. (1 = Needs Improvement, 3 = Satisfactory, 5 = Excellent)

A. Includes information I can use.	1	2	3	4	5
B. Information is easy to locate within the Teacher Resource Guide.	1	2	3	4	5
C. Resources I obtained were useful.	1	2	3	4	5
D. Information was current and correct.	1	2	3	4	5
E. Resource and information lists were comprehensive.	1	2	3	4	5
F. In next year's Teacher Resource Guide, I would like to see _____					

Additional Comments \_\_\_\_\_

\_\_\_\_\_

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Please send the next edition of the *Teacher Resource Guide* when available.

Name \_\_\_\_\_

School/Organization \_\_\_\_\_

Address \_\_\_\_\_

School     Business     Home

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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**I teach:**

- K     1     2     3     4
- 5     6     7     8     9
- 10     11     12     13     14
- 15     16
- After school     Home school

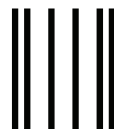
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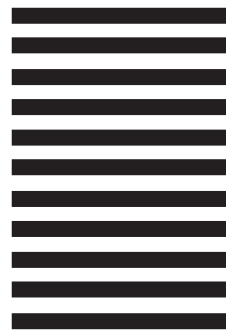
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