

Sci4Kids/Ciencia Para over Ninos Website

A website designed for teachers and students. Includes fun activities to learn about Agriculture and the Environment, Farm Animal Research, Soil Research, High Tech Research, Chemistry, Science, Nutrition, Farming, Remote Sensing and Outer Space, Insects, Plants, Transportation, Clean Water, Fish Farming and Weird Science. Also includes a Teacher's Guide, Teacher's Whiz Kid Activity Packet and AgScience Project Ideas.

Ages 8-13

Cost: Available online

Agricultural Research Service
5601 Sunnyside Avenue, Room 1-2232B
Beltsville, MD 20705-5130
Phone: 301-504-1633
Fax: 301-504-1641
E-mail: DianneOdland@ars.usda.gov
Website: www.ars.usda.gov/is/kids

APPLES**Apple Wise Guys**

Meet the Apple Wise Guys, wise to the whys and wherefores of apples' goodness. Entertaining information about apples, apple growing, apple health benefits and lively drawings to color. 12 pages. Purchase quantities from us, or download the free PDF artwork from our Web site and copy your own!

Grades K-6

Cost: On the web: FREE; Printed: 1: \$1.50, 25: \$20.00, 100: \$70.00

Apple Wise Guys Stickers

Colorful, adhesive-backed, 2" in diameter.

Grades K-6

Cost: Package of 100: \$3.00

Apples: A Class Act

A bushful of teaching ideas incorporating apples into the standard curriculum subjects for grades preschool-3 or 4-6--math, reading, art, writing, science, health and more! Attractive, color newsletter format with creative classroom activities that help make teaching stimulating and learning fun. Print supplies are limited; order now!

Grades K-6

Cost: P-3 or 4-6 Teacher's Guide

Each: \$1.50 25: \$28.00

"Gimme Five Lite" 5 A Day Nutrition Education

Developed by the Medical College of Georgia in collaboration with the Centers for Disease Control and Prevention to increase children's produce consumption, "Gimme Five" is a 5 A Day curriculum filled with activities to boost students' knowledge and interest in fruits and veggies. In pilot tests, after "Gimme 5" training children made healthier food choices. Our condensed curriculum is available only on the Web, in PDF format.

Grades 3-5

Cost: FREE on the Web

U.S. Apple Association
Fulfillment
8233 Old Courthouse Road, Suite 200
Vienna, VA 22182-3816
Phone: 703-442-8850
Fax: 703-790-0845
E-mail: cpayne@usapple.org
Website: www.usapple.org

Welcome to Our Apple Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of apple farming. Designed to stimulate interest in a visit to an apple farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Pyramid Publishing
9 Greenwood Court

Racine, WI 53402
Phone: 262-752-0184
Fax: 262-752-0185
E-mail: TomK124@aol.com

BEEF**Basics About Beef**

This colorful booklet for students covers all aspects of buying, storing, preparing and serving beef. The booklet also contains word puzzles which offer an interesting way to reinforce and review the information found in the booklet.

Grades 6-adult

Cost: FREE, one per student

Contact: Colorado Beef Council

How a Cow Stopped the World

This 20-page story booklet chronicles the ways that Josh's daily life changes when legislation is passed outlawing the raising of cattle for food and other uses. Josh finds out that cattle products are found in every aspect of daily life; that the beef industry impacts economics at the national, state, local and individual level; and that laws passed at the national level impact at the local level.

Grades 3-5

Cost: FREE, one per student

Contact: Colorado Beef Council

Retail Cuts of Beef

Four-color wall chart shows wholesale and retail cuts of beef. Charts also give correct cookery methods for each cut pictured. Miniature versions (approximately 8 1/2 x 11) are also available for use in student notebooks.

Grades 7-adult

Cost: FREE, one per student

Contact: Colorado Beef Council

Take a Cook on the Wild Side

This video kit is designed to help the Jr/Sr High School student learn about food safety and nutrition and also includes information on beef preparation. The kit includes a 20-minute video, a 16-page leader's guide, eight blackline masters, a Retail Cuts of Beef poster and Basics About Beef student booklet.

Grades 7-12

Cost: FREE, one per classroom

Colorado Beef Council
789 Sherman Street, Suite 105
Denver, CO 80203
Phone: 303-830-7892
Fax: 303-830-7896
E-mail: info@cobeeff.com
Website: www.cobeeff.com

BERRIES**Welcome to Our Berry Farm**

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of berry farming. Designed to stimulate interest in a visit to a berry farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Pyramid Publishing
9 Greenwood Court
Racine, WI 53402
Phone: 262-752-0184
Fax: 262-752-0185
E-mail: TomK124@aol.com

BIOTECHNOLOGY

Biotechnology Ag Magazine

This educational resource uses word games, math, science exercises and hands-on activities.

Grades: 4-6

Cost: \$5.00 for 30

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

Bringing Biotechnology to Life

This 20-minute video explores biotechnology through the eyes of Julian as he creates a PowerPoint presentation for science class. When a frustrated Julian contacts his on-line friend Cora for help, she enlists her uncle Vince, a farmer familiar with biotechnology. They dialog with scientists about food science, genomics, plant genetics and crop molecular biology. The video provides a comprehensive overview to introduce the topic of biotechnology.

Grades: 7-12

Cost: \$18.50 each

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

Your World

Two magazines per year focusing in-depth on topics in biotechnology with teacher's guide and poster.

Grades 7-12

Cost: Teacher \$46.00 ; Library \$20.00 ; Individual \$13.00

Biotechnology Institute
1840 Wilson Blvd. #202
Arlington, VA 22201
Phone: 814-238-4083
Fax: 703-248-8687
E-mail: Jeffdavidson01@cs.com
Website: www.biotechinstitute.org

BLUEBERRIES

Blueberries: A Native American Treasure

Kids make real bird feeders -- with pie-tin baffles to foil the squirrels -- and create their own suet cupcakes, seed mixes and other bird treats to serve in homemade songbird cafes. Received Dr. Toy 100 Best Children's Products Award and Dr. Toy 10 Best Socially Responsible Products Award.

Grades K-6

Cost: FREE on-line

Contact: North American Blueberry Council

Blueberry Stickers

Grades K-12

Cost: FREE

Contact: North American Blueberry Council

Recipe Brochures

Two recipe brochures available: "A Busy Dessert Lover's Guide to Blueberry Pies" and "Feeling Good About the Blues: Healthful Treats made with Blueberries".

All ages

Cost: Prices vary from FREE to \$.15 each

Contact: North American Blueberry Council

The Magic of Blueberries

Grades K-8

Cost: FREE

North American Blueberry Council
4995 Golden Foothill Parkway #2
El Dorado Hills, CA 95762
Phone: 916-933-9399
Fax: 916-933-9777
E-mail: mnaabc@compuserve.com
Website: www.blueberry.org

BOTANY

APSnet Education Center

The APSnet Education Center, sponsored by the American Phytopathological Society, is an educational resource that includes a K-12 section. The K-12 section is aimed at teachers and includes monthly News and Views, a resource catalog, online mentors, classroom labs with all needed materials and handouts included, a programs list and some selected APSnet Features. The introductory section includes plant disease lessons that will be useful to teachers and high school students. You can access the site at <http://www.apsnet.org/education>.

Grades K-12

American Phytopathological Society
Professor of Plant Pathology
Dept. of Microbiology
University of Massachusetts
209E Fernald Hall
270 Stockbridge Road
Amherst, MA 01003-9320
Phone: 413-545-3413
Fax: 413-545-2532
E-mail: Schumann@pltpath.umass.edu
Website: www.apsnet.org/education

BUTTERFLIES

Everyone Loves Our Educational Butterfly Poster

Kids and adults love our inviting, colorful poster. In beautiful, horticulturally accurate illustrations, the poster identifies 15 familiar garden butterflies along with their larvae and the plants they're most attracted to. Brightens any wall. 24"x16"n

All ages

Cost: \$6.00 each; 10 or more, \$3.00 each

Contact: National Gardening Association

Gardening with Kids Catalog

This catalog is packed with garden-based educational tools that cross the curriculum. Study science with our GrowLab Indoor Light Gardens, worm habitats, microscopes and botany slides. Use the garden and our array of new posters and books to explore cultures and nutrition. Discover ecosystems and habitats with our Living Machine, Butterfly Lab Tower and Rainforest Kit. And write it all up in our exclusive Gardening Journal. Join the Gardening with Kids community today and put our garden-based tools to work in your classroom!

All ages

To order: Call 800-538-7476 or Go to: www.kidsgardening.com Contact: National Gardening Association

Magical Migrating Monarchs

This integrated curriculum guide introduces kids and adults to the life cycle and habitat needs of migrating Monarchs. Background information on Monarchs' habitat needs, life cycles and migration patterns supplements hands-on activities in a separate student-oriented book that helps kids explore these concepts. Also features tips on raising and releasing Monarchs and creating gardens to nourish them.

Grades K-8

Cost: Magical Migrating Monarchs, \$39.95
Student Activity Book, \$8.95
5 or more Activity Books \$8.25 each

Contact: National Gardening Association

Observe the Life Cycles of Butterflies

This intriguing kit allows inquisitive students to study the life cycle of the butterfly from larva to chrysalis to adult. Kids watch caterpillars feed for 7-10 days before forming chrysalides, then metamorphose into butterflies after an additional 2 weeks. Each kit includes a 12"-cube observation house, feeding wicks, dropper and a mail-in coupon for 3-5 Painted Lady butterfly caterpillars. To study the life cycles again next year, order our redeemable coupon for replacement Painted Lady butterfly caterpillars. Caterpillars available only in the continental U.S.

Ages 4 and up

Cost: Butterfly Observation Kit, \$21.95
Redeemable Coupon for Replacement Painted Lady Butterfly Caterpillars, \$14.95
National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

CAREERS**Career Ag Mag**

This educational resource uses word games, math and science exercises and hands-on activities.

Grades: 4-6

Cost: \$5.00 for 30

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

Careers in Agricultural and Biological Engineering

Pamphlet describes what is involved in Agricultural and Biological Engineering, skills needed, how to prepare and what can be expected at the university.

Grades 9-12 Cost: FREE

Contact: American Society of Agricultural Engineers

Discover 2000: Futures in Agricultural, Food and Biological Engineering

The fields of agriculture and biological engineering offer a variety of employment opportunities. This magazine shows the hottest job areas and offers tips on how to get started and get ahead in the race for success.

Grades 9-12 Cost: FREE

Contact: American Society of Agricultural Engineers

Discover Biological and Agricultural Engineering

Learn about what Biological and Agricultural Engineers do, specialty areas, how to prepare for a career and what companies hire these graduates.

Grades 9-12 Cost: FREE

Contact: American Society of Agricultural Engineers

Educational Programs in Agricultural Engineering and Related Fields

Brochure lists states and institutions offering educational opportunities in Agricultural Engineering and related fields.

Grades 9-12

Cost: FREE

Contact: American Society of Agricultural Engineers

Explore: Careers in Agricultural Technology and Systems Management

Learn about the many opportunities available in Agricultural Technology and Systems Management.

Grades 9-12

Cost: FREE

American Society of Agricultural Engineers
2950 Niles Road
St. Joseph, MI 49085-9659
Phone: 616-429-0300
Fax: 616-429-3852
E-mail: hq@asae.org
Website: http://asae.org/

Exploring Careers in Agronomy, Crops, Soils and Environmental Sciences

To be used as a career guide, this color booklet defines the agronomic sciences and the various roles that agronomists, crop scientists and soil scientists fulfill. A description of job opportunities and salaries is included along with a list of universities and colleges that can provide detailed information for a specific geographical region in the USA. Softcover, 28 pages.

Middle-High School

Cost: FREE

American Society of Agronomy
Crop Science Society of America
Soil Science Society of America
677 South Segoe Road
Madison, WI 53711
Phone: 608-273-8090 Extension 314
Fax: 608-273-2021
E-mail: lmalison@agronomy.org
Websites: www.agronomy.org or www.crops.org or
www.soils.org

Faces of Agriculture

The FACES package creates awareness of what it takes to bring people their daily bread and other life sustaining products. The colorful folder and poster show people engaged in the production, processing, distribution, marketing and serving of food and fiber products. While using worksheets to develop language, math and social science skills, student explore careers in the food and fiber system.

Grades: 3-6

Cost: \$2.25 each

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

Soils Sustain Life

To be used as a recruiting tool and career guide to promote the soil science profession to middle and high school students as well as undergraduates. The brochure defines soil science and its importance, identifies soil scientists and what they do and provides information on career opportunities. The brochure also lists some activity areas that soil scientists undertake such as land use planning, environmental concerns, geographic information systems and agrochemical management to show the broad range of careers in soil science. Tri-fold brochure, 2001.

Middle-High School

Cost: FREE

Soil Science Society of America
677 South Segoe Road
Madison, WI 53711
Phone: 608-273-8090 Extension 314
Fax: 608-273-2021
E-mail: lmalison@soils.org
Website: www.soils.org

CATTLE

Basics About Beef

This colorful booklet for students covers all aspects of buying, storing, preparing and serving beef. The booklet also contains word puzzles which offer an interesting way to reinforce and review the information found in the booklet.

Grades 6-adult

Cost: FREE, one per student
Contact: Colorado Beef Council

Caretakers All

Environmental education program designed for use with third and fourth grade students. Students explore different environmental issues and learn the principles of good caretaking. They learn that American cattle producers, whose livelihood depends on a healthy environment, are committed to protecting the environment and to providing humane care to animals.

Grades 3-4

Cost: FREE
Contact: Colorado Beef Council

Cattle in Colorado History

Revised in 2001, Cattle in Colorado History teaches students about the cattle heritage of Colorado. In the 22 pages, the booklet shares with the student the development of the cattle industry in Colorado as well as some of today's technology. Activities within the booklet reinforce the information using educational principles required by the Colorado State Academic Standards.

Grade 4

Cost: FREE, one per student
Contact: Colorado Beef Council

Cowboys Then and Now

Cowboys Then and Now chronicles the American cowboy through time. The video focuses on the historic era of 1865-1895, a brief but buoyant time of the open-range American cowboy.

Grades 7-8

Cost: FREE
Contact: Colorado Beef Council

Grazing: Facts for Your File

This fact sheet is intended to provide you with the most pertinent information on grazing. Today's cattle producer realizes the need to maintain the land. This reference sheet discusses the many facets of grazing and the environment, and is a great resource for educators, librarians and older students. Appropriate for Junior High to Adult.

Grades 6-adult

Cost: FREE
Contact: Colorado Beef Council

Growing in the Country

Growing in the Country is a versatile videotape and packet of learning

materials designed to give young people a glimpse of life on a modern day beef farm. As two city students visit ranch students, Jared and Amy, they are quickly able to see their similarities and differences. Appropriate for Elementary School.

Elementary students

Cost: FREE
Contact: Colorado Beef Council

How a Cow Stopped the World

This 20-page story booklet chronicles the ways that Josh's daily life changes when legislation is passed outlawing the raising of cattle for food and other uses. Josh finds out that cattle products are found in every aspect of daily life; that he beef industry impacts economics at the national, state, local and individual level; and that laws passed at the national level impact at the local level.

Grades 3-5

Cost: FREE, one per student
Contact: Colorado Beef Council

Rainforest Depletion: Facts for Your File

Rainforest destruction is one of the most widely publicized and talked about issues concerning the environment. This publication was developed to explain the facts and fallacies regarding the relationship between cattle production and Latin American rainforest destruction. This is a great reference sheet for educators, librarians and older students. Appropriate for Junior High - Adult.

Grades 6-adult

Cost: FREE
Contact: Colorado Beef Council

The Story of Beef Production

This video tells the story of how cattlemen and women raise cattle for a living. It explains to students the reasons for using special equipment. Appropriate for Elementary to Middle School.

Grades 4-8

Cost: FREE
Contact: Colorado Beef Council

Things We Can Learn From a Cow & Worm

This poster explains visually and in poem, how both cows and worms utilize products inedible to humans and convert them into useful ones - cattle into high quality food and earthworms into fertile castings. The poster and activities encourage students to think critically about the interaction between these animals and the environment. Lesson plans and activities included on reverse of poster.

Grades 5-6

Cost: FREE, one per classroom
Colorado Beef Council
789 Sherman Street, Suite 105
Denver, CO 80203
Phone: 303-830-7892
Fax: 303-830-7896
E-mail: info@cobeef.com
Website: www.cobeef.com

CHERRIES

Welcome to Our Cherry Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of cherry farming. Designed to stimulate interest in a visit to a cherry farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each
Pyramid Publishing
9 Greenwood Court
Racine, WI 53402
Phone: 262-752-0184
Fax: 262-752-0185
E-mail: TomK124@aol.com

Pickin' Cherries Can Be a Joy ... Stick

Kids would love Donald Peterson's cherry harvester. It has two joysticks! It creates a lot of action, too, because the joysticks operate a mechanical arm that shakes the tree hard enough to knock the cherries loose from their stems.

Ages 8-13 Cost: Available online
 Agricultural Research Service
 5601 Sunnyside Avenue, Room 1-2232B
 Beltsville, MD 20705-5130
 Phone: 301-504-1633
 Fax: 301-504-1641
 E-mail: DianneOdland@ars.usda.gov
 Website: www.ars.usda.gov/is/kids

CHRISTMAS TREES**Welcome to Our Real Christmas Tree Farm**

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of Christmas tree farming. Designed to stimulate interest in a visit to a Christmas tree farm. This is a participation book and an excellent field trip review.

Grades PreK-3 Cost: (\$.30) 30 cents each
 Pyramid Publishing
 9 Greenwood Court
 Racine, WI 53402
 Phone: 262-752-0184
 Fax: 262-752-0185
 E-mail: TomK124@aol.com

COMPOSTING**Gardening with Kids Catalog**

This catalog is packed with garden-based educational tools that cross the curriculum. Study science with our GrowLab Indoor Light Gardens, worm habitats, microscopes and botany slides. Use the garden and our array of new posters and books to explore cultures and nutrition. Discover ecosystems and habitats with our Living Machine, Butterfly Lab Tower and Rainforest Kit. And write it all up in our exclusive Gardening Journal. Join the Gardening with Kids community today and put our garden-based tools to work in your classroom!

All ages
 To order: Call 800-538-7476 or Go To: www.kidsgardening.com

Kidsgardening

"This interactive Website is a tremendous resource where teachers, parents and others who garden with kids find inspiration, advice and opportunities for exchange. It features an intensive article library of classroom stories and activities; a resource directory with grants, books, Web links and free materials."

All ages Cost: FREE
 National Gardening Association
 1100 Dorset Street
 South Burlington, VT 05403
 Phone: 800-538-7476
 Fax: 802-864-6889
 E-mail: info@kidsgardening.com
 Website: www.kidsgardening.com

CORN**Amazing Discoveries**

Did you know several kinds of corn are used for making agricultural and food products? Many different products are made from corn. How many things can you think of? Read this story and learn.

Ages 8-13
 Cost: Available online
 Agricultural Research Service
 5601 Sunnyside Avenue, Room 1-2232B
 Beltsville, MD 20705-5130
 Phone: 301-504-1633
 Fax: 301-504-1641
 E-mail: DianneOdland@ars.usda.gov
 Website: www.ars.usda.gov/is/kids

Corn Issue of Colorado Reader

Did you know that corn is a grass plant and Colorado's leading crop? Learn more about this commodity along with hybrid varieties, biotechnology and more.

Grades: 4-6 Cost: FREE
 Colorado Foundation for Agriculture
 PO Box 10
 Livermore, CO 80536
 970-881-2902
 Website: www.growingyourfuture.com

The Popcorn Program

The Popcorn Program is an interdisciplinary educational guide designed to introduce elementary school students (grades K-8) to popcorn and its many applications. In this package you will find lesson ideas for the following subjects: Social Studies, Mathematics, Language Arts, Science, Health and Consumer Science (Home Economics).

Grades K-8 Cost: FREE
 Check out the interactive website at www.popcorn.org.
 The Popcorn Board
 401 North Michigan Avenue
 Chicago, IL 60611
 Phone: 312-644-6610
 Fax: 312-527-6658
 E-mail: Joe_Carbonara@sba.com
 Website: www.popcorn.org

DAIRY**Dairy Ag Magazine**

This educational resource uses word games, math, science exercises and hands-on activities.

Grades: 4-6
 Cost: \$5.00 for 30
 American Farm Bureau Foundation for Agriculture
 225 Touhy Avenue
 Park Ridge, IL 60068
 Phone: 847-685-8663
 Fax: 847-685-8969
 Website: www.ageducate.org
 Colorado Farm Bureau
 9177 E. Mineral Circle
 Centennial, CO 80112
 Phone: 303-749-7500
 Fax: 303-749-7743
 Website: www.colofb.com
 E-mail: pkenny@colofb.com

Dairy Issue of the Colorado Reader

This issue discusses how milk gets from the farm to the table. It also discusses the nutritional value of milk and the calcium challenge.

Grades: 4-6
 Cost: FREE
 Colorado Foundation for Agriculture
 PO Box 10
 Livermore, CO 80536
 970-881-2902
 Website: www.growingyourfuture.com

Make Mine Milk

This video depicts the steps in milk production in an entertaining and informative way, using a variety of formats including a music video. Students learn why milk is key to health and fitness. The Video and Teacher's Guide provide several extension activities for the classroom including "cowtooning," milk cartoon crafts, puppet making and a "Purple Cow" recipe. Appropriate for Elementary students.

Elementary
 Cost: FREE on loan or \$8.00 to purchase
 Contact: Western Dairy Council

Milk From Cow To You

This educational video kit teaches the important production and processing steps that protect the high quality, safety and good flavor of milk. The Teacher's Guide provides information on milk production along with hands-on classroom activities, tips for field trips and a list of resources. The interactive hand-out includes a dairy word game, "Unbelievable Facts About Cows," a delicious recipe and illustrations to compliment the poster. Appropriate for Grades 3-5 (can be adapted for primary students). Includes 42 1/2" x 3' poster, 30 handouts and Teacher's Guide.

Grades 3-5

Cost: \$7.00

Contact: Western Dairy Council

National Dairy Council's Nutrition Education Materials Catalog

Current listing of nutrition education materials produced by National Dairy Council.

Grades preK-adult

Cost: FREE

Western Dairy Council
12000 N. Washington Street, Suite 200
Thornton, CO 80241
Phone: 303-451-7711
Fax: 303-451-0411
E-mail: tanderson@wdairycouncil.com
Website: www.wdairycouncil.com

Reading Rainbow Program #32 -- The Milk Makers

This video and the feature book explain the process of how cows produce milk and how milk is processed before being delivered to stores. Levar Burton visits California's dairy country where he receives a lesson on milking a cow by hand as well as an introduction to the modern way of milking and feeding 600 cows. Your students get a factory tour to see how cheese is made.

Ages 5-8

Cost: \$39.95

GPN
Post Office Box 80669
Lincoln, NE 68501
Phone: 402-472-2007
Fax: 800-306-2330
E-mail: gpn@unl.edu
Website: www.gpn.unl.edu

EGGS**Egg Issue of the Colorado Reader**

This issue discusses how eggs gets from the farm to the table. It also discusses the nutritional value of eggs. Discusses how eggs are graded and much more.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Adventures with Mighty Egg Kit

Includes teacher's guide, poster, set of 30 stickers, evaluation form, pocket folder and mailing envelope. Take kindergarten through 3rd-grade students on an adventure with an integrated curriculum unit that features a hands-on approach to develop math, science, language arts, creativity and other skills as children learn how to learn.

Grades K-3

Cost: FREE while supplies last

Contact: Colorado Egg Producers

Egg Science & Technology Lesson Plan

(100+ pages, full-color; 8-1/2 x 11-inch text in 3-ring notebook with tab sheets in mailable carton; CD ROM including both Macintosh and IBM PowerPoint software; camera-ready for overhead transparencies)

Prepared under the supervision of an editorial board of distinguished scientists and educators, the Lesson Plan contains the latest information about eggs and egg products in a form readily adaptable to food science, technology and/or culinary curricula at virtually any university level.

Grade 9-adult

Cost: FREE

Contact: Colorado Egg Producers

Eggyclopedia

Use this compendium of egg information to answer questions, compose egg copy and design informative programs and demonstrations. Includes text, art, tables and charts on egg trivia, egg production from hen to home, food safety, nutrition, cooking functions, basic egg preparation methods and classic recipes, egg products and fowl and the egg industry.

Grade upper elementary to-adult

Cost: FREE

Contact: Colorado Egg Producers

The Incredible Classroom Eggsperience Kit

Includes teacher's guide, activity sheets, poster, set of 30 phone wallet cards/bookmarks, pocket/file folder. Gives middle and high-school students the background product information they need and challenges them to make their own decisions about how to use that information to suit themselves and their lifestyles; covers recipe writing, nutrition, food safety, economy, cooking functions and more; What's New magazine award winner.

Grades 7-12

Cost: FREE while supplies last

Contact: Colorado Egg Producers

The Incredible Classroom Eggsperience Video

(1/2-inch video format; 16 minutes, 48 seconds). Use this video with the coordinating "The Incredible Classroom Eggsperience" print materials to provide students a working knowledge of egg production, nutrition and preparation; features an ethnically diverse cast and student-friendly storyline; encourages development of practical life skills – teamwork, effective communications and constructive critiquing – and shows how technology can be used to gather information relevant to family and consumer science topics; What's New magazine award winner.

Grades 7-12

Cost: FREE

Contact: Colorado Egg Producers

The Incredible Journey from Hen to Home Kit

Includes teacher's guide containing activity sheets, poster/gameboard, set of 30 bookmarks, pocket/file folder. Make learning fun for youth in grades 4 through 6 with this cross-curricular educational unit including real-life problems which help teach language arts, math, science, nutrition, consumer education and enrichment skills with lessons on the subjects of nutrition, food safety, properties and functions of eggs, economy, grading and processing.

Grades 4-6

Cost: FREE while supplies last

Contact: Colorado Egg Producers

We Are Eggstra Special Activity Booklet

Includes 20-page teacher/parent booklet containing activity sheets, parent/caregiver take-home sheet. Start children off on the right foot as they begin their educational journeys with lessons and activities suggested by preschool professionals; encourages children to develop early literacy, acquire the basic skills of discovery and learn about nutrition, themselves and people from other cultures; suitable for use in a group, learning center and other venues.

Grades PreK-K

Cost: FREE

Colorado Egg Producers
6004 CR 68C
Red Feather Lakes, CO 80545
Phone: (970) 881-2902
E-mail: bblinde@growingyourfuture.com

ENVIRONMENT

Caretakers All

Environmental education program designed for use with third and fourth grade students. Students explore different environmental issues and learn the principles of good caretaking. They learn that American cattle producers, whose livelihood depends on a healthy environment, are committed to protecting the environment and to providing humane care to animals.

Grades 3-4

Cost: FREE

Colorado Beef Council
789 Sherman Street, Suite 105
Denver, CO 80203
Phone: 303-830-7892
Fax: 303-830-7896
E-mail: info@cobeeff.com
Website: www.cobeeff.com

Colorado State University Cooperative Extension Publications

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management, food preparation and nutrition.

Adult

Cost: FREE

Colorado State Cooperative Extension
115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Environmental Adventures Comic Book Series

Environmental Adventures is a series of eight educational booklets for 8-11 year-old children. These booklets were developed by a team of teachers and environmental experts. They are a great source for many hands-on activities and easy to use, requiring little preparation time. They are multidisciplinary and can be used in language arts, social studies, math, health and science classes. The following are the titles of the booklets: Range of Wonders, Across Time and Space: Ecosystem Management, Dracons Visit the Earth: To Study Food and the Land, Make Room for Monsters...and Wildlife on the Land, Plants: Improving Our Environment, Robots of Cave Alpha: Creating a Livable Land, The Story of Land: Its Use and Misuse Through the Centuries and Water in Your Hands/Agua En Tus Manos.

Ages 8-11 (Elementary)

Cost: Sample Set: \$12.00
10-50: \$1.35 each + \$12.00 s&h
51-100: \$1.25 ea. + \$16.00 s&h
101-500: \$1.15 ea. + \$35.00 s&h
501-1000: \$1.00 ea. + \$48.00 s&h
1001+: \$.85 ea. (call for s&h)

Soil and Water Conservation Society
7515 NE Ankeny Road
Ankeny, IA 50021
Order Contact: Linda Larson
E-mail: linda@swcs.org
Phone: (515) 289-2331 ext. 10.
Phone: 800-THE-SOIL
Fax: 515-289-1227
E-mail: pubs@swcs.org
Website: www.swcs.org

EnviroScape Kit

EnviroScape has a variety of models and model-building kits with accompanying lesson plans that emphasize everyone's personal responsibility towards water quality. Non-point source pollution is easily identified when students use the colorful molded landscape models and makes environmental issues easy to understand.

Grades K-adult

FREE catalog

EnviroScape
14524-F Lee Road

Chantilly, VA 20151
Phone: 703-631-8810
Fax: 703-631-6558
E-mail: Erin-Foster@erols.com
Website: www.enviroscape.com

Exploring the Forest with Grandforest Tree

Grandforest Tree, who is very old and very wise, spins tales of the forest progressing through the seasons with many opportunities for outdoor and indoor activities and mysteries to solve. Paper; 8.5 x 11; 272 pages; illustrations; activities; bibliography; resources.

Grades K-5

Cost: \$18.95 (ISBN 1-884430-03-1)

Contact: Food Works' Two Rivers Center for Sustainability

Exploring the Secrets of the Meadow-Thicket

Children are guided on seasonal journeys filled with stories, activities and adventures involving animals, bugs, grasses, bushes and trees. Paper; 8.5 x 11; 256 pages; illustrations; activities; bibliography; resources.

Grades K-5

Cost: \$18.95 (ISBN 1-884430-02-3)

Food Works' Two Rivers Center for Sustainability
Common Roots Press
64 Main Street
Montpelier, VT 05602
Phone: 800-223-1515
Fax: 802-229-5277
E-mail: info@tworiverscenter.org
Website: www.tworiverscenter.org

Get Wet! - Wetlands Activity Guide

This four-page guide explains what a wetland is, where to find one and even what to wear when you visit. There are games, puzzles, outdoor activities and experiments to uncover the secrets of wetlands.

Elementary

Cost: \$50.00 for 100
Discounts for multiples, hundreds only
Soil and Water Conservation Society
7515 NE Ankeny Road
Ankeny, IA 50021
Phone: 800-THE-SOIL
Fax: 515-289-1227
E-mail: pubs@swcs.org
Website: www.swcs.org

Grazing: Facts for Your File

This fact sheet is intended to provide you with the most pertinent information on grazing. Today's cattle producer realizes the need to maintain the land. This reference sheet discusses the many facets of grazing and the environment and is a great resource for educators, librarians and older students. Appropriate for Junior High to Adult.

Grades 6-adult

Cost: FREE
Contact: Colorado Beef Council

Protecting Our Soil Issue of Colorado Reader

This issue defines soil, soil types and shows different conservation practices to protect our soil.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Rainforest Depletion: Facts for Your File

Rainforest destruction is one of the most widely publicized and talked about issues concerning the environment. This publication was developed to explain the facts and fallacies regarding the relationship between cattle production and Latin American rainforest destruction. This is a great reference sheet for educators, librarians and older students. Appropriate for Junior High - Adult.

Grades 6-adult Cost: FREE
 Colorado Beef Council
 789 Sherman Street, Suite 105
 Denver, CO 80203
 Phone: 303-830-7892
 Fax: 303-830-7896
 E-mail: info@cobeeff.com
 Website: www.cobeeff.com

Sci4Kids/Ciencia Para Ninos Website

A website designed for teachers and students. Includes fun activities to learn about Agriculture and the Environment, Farm Animal Research, Soil Research, High Tech Research, Chemistry, Science, Nutrition, Farming, Remote Sensing and Outer Space, Insects, Plants, Transportation, Clean Water, Fish Farming and Weird Science. Also includes a Teacher's Guide, Teacher's Whiz Kid Activity Packet and AgScience Project Ideas.

Ages 8-13
 Cost: Available online

Agricultural Research Service
 5601 Sunnyside Avenue, Room 1-2232B
 Beltsville, MD 20705-5130
 Phone: 301-504-1633
 Fax: 301-504-1641
 E-mail: DianneOdland@ars.usda.gov
 Website: www.ars.usda.gov/is/kids

Soil & Water Conservation -- Farm & Food Bytes

This unit takes the students into the world of wind and water erosion. It will help provide students with an accurate image of how our soil can be carried away if we do not step up to reduce erosion and maintain this valuable resource. Story problems, equations and games help to bring this to the attention of the participants. This program is designed for middle/high school students as the activities are challenging.

Middle/High Schools

Cost: \$39.00 (Macintosh or Windows)
 Agri-Education, Inc.
 801 Shakespeare Avenue
 P.O. Box 497
 Stratford, IA 50249
 Phone: 515-838-3000
 Fax: 515-838-2788
 E-mail: agri_ed@agri-ed.com
 Website: www.agri-ed.com

The EarthSeeds Project

To see Planet Earth as it truly is; small, round, blue and beautiful; is to see ourselves as "Crewmembers" on board a very special 'Spaceship'. Can you imagine what is must of felt like to view our home from this perspective? This 'Global Family Portrait' is a symbol that speaks to us of our common ground and essential interdependence. The EarthSeeds Project is an International grassroots movement - Educating and Empowering Youth: Promoting the Astronaut's View: A Healthy, Harmonious, Sustainable Living Earth! For more information on how to receive posters of Planet Earth and fun, inflatable giant globes from 2000 actual NASA photos, contact The EarthSeeds Project.

Grade: All grade levels

The EarthSeeds Project
 2502 W. Colorado Avenue #208
 Colorado Springs, CO 80904
 Phone: 877.Earth.10 or (719) 636-3637
 E-mail: crew@earthseeds.net
 Website: www.EarthSeeds.net

The Indoor River Book

This first-of-its-kind teacher's guide details a simple, step-by-step, process for building an indoor aquatic habitat modeled after the local watershed, adaptable for teachers with little or no experience in environmental activities in school. Paper; 8.5 x11; 144 pages; b&w photos and illustrations; activities; appendices; resources.

Grades K-5
 Cost: \$14.95 (ISBN 0-7872-3602-0)
 Food Works' Two Rivers Center for Sustainability
 Common Roots Press
 64 Main Street
 Montpelier, VT 05602
 Phone: 800-223-1515
 Fax: 802-229-5277
 E-mail: info@tworiverscenter.org
 Website: www.tworiverscenter.org

The South Platte River in Colorado Booklet.

Grades 8-12 Cost: FREE
 U.S. Environmental Protection Agency
 999 18th Street, Suite 300
 Denver, CO 80202-2466
 Phone: 303-312-6056
 Fax: 303-312-6071
 E-mail: mciver.paul@epa.gov
 Website: <http://www.epa.gov/region8>

The Wonderful World of Wigglers

Integrated hands-on activities and projects help children to understand the crucial relationships between earthworms, the soil and ecological sustainability. Paper; 8.5 x 11; 168 pages; illustrations; activities; bibliography; appendix.

Grades K-5
 Cost: \$14.95 (ISBN 1-884430-00-7)
 Food Works' Two Rivers Center for Sustainability
 Common Roots Press
 64 Main Street
 Montpelier, VT 05602
 Phone: 800-223-1515
 Fax: 802-229-5277
 E-mail: info@tworiverscenter.org
 Website: www.tworiverscenter.org

Things We Can Learn From a Cow & Worm

This poster explains visually and in poem, how both cows and worms utilize products inedible to humans and convert them into useful ones - cattle into high quality food and earthworms into fertile castings. The poster and activities encourage students to think critically about the interaction between these animals and the environment. Lesson plans and activities included on reverse of poster.

Grades 5-6
 Cost: FREE, one per classroom
 Colorado Beef Council
 789 Sherman Street, Suite 105
 Denver, CO 80203
 Phone: 303-830-7892
 Fax: 303-830-7896
 E-mail: info@cobeeff.com
 Website: www.cobeeff.com

Various Wetlands Factsheets

Fact Sheet Titles: Wetlands America, Threats to Wetlands, Types of Wetlands, Functions and Values of Wetlands

Grades 8-12
 Cost: FREE
 Contact: U.S. Environmental Protection Agency
 999 18th Street, Suite 300
 Denver, CO 80202-2466
 Phone: 303-312-6056
 Fax: 303-312-6071
 E-mail: mciver.paul@epa.gov
 Website: <http://www.epa.gov/region8>

Visit to a Green Planet

Educational comic book enables children to understand environmental concepts and terms related to agriculture and food production.

Grades: 3-5

Cost: \$.35 each for comic book; \$1.00 for Teacher's Guide
 American Farm Bureau Foundation for Agriculture
 225 Touhy Avenue
 Park Ridge, IL 60068
 Phone: 847-685-8663
 Fax: 847-685-8969
 Website: www.ageducate.org
 Colorado Farm Bureau
 9177 E. Mineral Circle
 Centennial, CO 80112
 Phone: 303-749-7500
 Fax: 303-749-7743
 Website: www.colofb.com
 E-mail: pkenny@colofb.com

Wetlands in the Rocky Mountains and Northern Great Plains

Various other wetland brochures available from other agencies.

Grades 8-12 Cost: FREE

U.S. Environmental Protection Agency
 999 18th Street, Suite 300
 Denver, CO 80202-2466
 Phone: 303-312-6056
 Fax: 303-312-6071
 E-mail: mciver.paul@epa.gov
 Website: http://www.epa.gov/region8

Wool & Sheep Activity Book

This activity book discusses different breeds of sheep, provides information on raising sheep in Colorado. It discusses the benefits of using sheep as an environmentally friendly method for controlling weeds and other plants.

Grades: 3-6 Cost: FREE

Colorado Foundation for Agriculture
 PO Box 10
 Livermore, CO 80536
 970-881-2902
 Website: www.growingyourfuture.com

FARM DAYS

Farm Days offer a variety of presentations and demonstrations. Your students can see various farm animals and equipment.

Adams County—February

Contact: Don Hirsch 303-659-6598

El Paso County—May—Union Printers Home at Pikes Peak and Union

Blvd., Colorado Springs
 Contact: Chad Stevens or Tammy Apaydin 719-478-2082

Simla—September

Contact: Jody Davis 719-541-2763

Weld County—September

Contact: Lola Mundt 970-454-1772

FARM SAFETY**Colorado State University Cooperative Extension Publications**

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult: Cost: FREE

Colorado State Cooperative Extension
 115 General Services Building
 Colorado State University
 Ft. Collins Colorado 80523
 877-692-9358
 E-mail: cerc1@ur.colostate.edu
 Website: www.cerc.colostate.edu

Farm Safety Issue of Colorado Reader

This issue discusses some of the dangers that are found on farms and ranches.

Grades: 4-6

Cost: FREE
 Colorado Foundation for Agriculture
 PO Box 10
 Livermore, CO 80536
 970-881-2902
 Website: www.growingyourfuture.com

Farm Safety 4 Just Kids Resource Product Catalog

Over 90 items such as educational packets, puppet shows, displays, demonstrations, books, games, decals, coloring books, brochures and promotional items to purchase or rent.

Preschool-adult

To purchase or rent: call 1-800-423-5437 or visit our online catalog at www.fs4jk.org

Farm Safety 4 Just Kids
 110 S. Chestnut
 Earlham, IA 50072
 Phone: 800-423-KIDS (5437)
 Fax: 515-758-2517
 E-mail: mindy@fs4jk.org
 Website: www.fs4jk.org

Mowing Rules ... Safety Rocks

This new video program from the Outdoor Power Equipment Institute (OPEI) is designed to teach young people how to use outdoor power equipment safely. Rock music and a theme that appeals to young people are used to draw their attention to the video's safety messages. The video winds in the safety message by telling the story of a teen rock band in a "Battle of the Bands" competition. They're good musicians, but they're up against a band whose instruments are much better than theirs. To earn money to buy new equipment, the group mows lawns and does other yard work ... and gives viewers safety tips on using outdoor tools along the way. 18 Minutes.

Grades 4-12

Cost: FREE, order online or by faxing
 800-358-5218

Video Placement Worldwide
 Post Office Box 58142
 St. Petersburg, FL 33715-9976
 Phone: 800-358-5218
 Website: www.vpw.com

Safety Challenge

The Safety Challenge CD-ROM is an interactive game for two players. It is based on John Deere Farm Safety Publications and features the colorful John Deere safety characters—Slipper the cat and Tripper the dog. There are 500 farm safety questions in the data bank and the game offers the option of setting the number of questions for each round. The format for the challenge includes true/false, symbols, safe/unsafe and multiple choice. The winner of each round is based on the accuracy of the answers and the time a player needs to complete the questions.

Middle/High Schools

Cost: \$34.95 Windows format only
 Agri-Education, Inc.
 801 Shakespeare Avenue
 P.O. Box 497
 Stratford, IA 50249
 Phone: 515-838-3000
 Fax: 515-838-2788
 E-mail: agri_ed@agri-ed.com
 Website: www.agri-ed.com



FARMING

Building Soil for Better Crops

Building Soils for Better Crops unlocks the secret of maintaining a diverse ecosystem below ground to foster healthy crops above. Ecological soil management, as detailed by the soil experts who wrote the book, can raise fertility – and yields – while reducing environmental impacts. The 240-page Building Soils contains detailed information about soil structure and the management practices that affect soils, as well as practical information like how to interpret soil test results.

Cost: Paperback, \$19.95 plus \$3.95 s/h

Sustainable Agriculture Publications
210 Hills Building
University of Vermont
Burlington, VT 05405-0082
Contact: Valerie Berton 301-504-5230
Orders: 802-656-0484
Fax: 802-656-4656
E-mail: sanpubs@uvm.edu
Website: www.sare.org

Colorado It's Agricultural Issue of Colorado Reader

The farm and food system is an important component of Colorado's economy. Gross sales of agribusiness amounts to \$13.6 billion.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Colorado State University

Cooperative Extension Publications

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult Cost: FREE

Colorado State Cooperative Extension
115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Colorado Agricultural Statistics

Provides statistical information on Colorado crops and commodities.

Colorado Agricultural Statistics Service
645 Parfet Street, Room W201
Lakewood, CO 80215
303-236-2300

Farm Facts Booklet

Farm Facts is a tribute to America's farmers and ranchers, the most efficient food and fiber producers in the world. It's a tribute to the modern farm practices that helps Americans enjoy a quality of life unmatched around the globe. It's a book that should help put into perspective how blessed we are to be Americans.

Cost: FREE online

Contact: American Farm Bureau Federation

Farmers Care

Farming has changed over the years. Today's farm animals live in carefully supervised environments. No longer do they need to struggle for survival or search for nourishment in harsh surroundings. Instead, they have heat in the winter, cool ventilation in the summer and clean, dry living areas with food and water all year round.

Cost: FREE online

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068

Phone: 847-685-8663

Fax: 847-685-8969

Website: www.ageducate.org

Colorado Farm Bureau

9177 E. Mineral Circle

Centennial, CO 80112

Phone: 303-749-7500

Fax: 303-749-7743

Website: www.colofb.com

E-mail: pkenny@colofbcom

Learning Ethics at the Fair

Livestock production provides a first-hand opportunity for youth to learn how livestock management skills relate to an obligation to the consumer. Explore the general concept of the life ethics – standards, practices, principles and values which guide young people in the show ring and throughout their lives. Games, situations and a self-evaluation provide ethical challenges and lessons for a lifetime. Includes information from the National Livestock Ethics Council.

Grades 7-12

Cost: \$50.00 Macintosh or Windows

Agri-Education, Inc.

801 Shakespeare Avenue

P.O. Box 497

Stratford, IA 50249

Phone: 515-838-3000

Fax: 515-838-2788

E-mail: agri_ed@agri-ed.com

Website: www.agri-ed.com

Harvesting Change Issue of Colorado Reader

The times change, but the harvesting of crops remains. In 1850 it took 75-90 hours of labor to harvest 100 bushels of corn. Today it takes two hours. Learn about the past and present on the farm.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture

PO Box 10

Livermore, CO 80536

970-881-2902

Website: www.growingyourfuture.com

It's a Puzzlement!

An interdisciplinary kit where students can become a sleuth with Inspector Terry Cloth, Detective Ann Gora and Investigator Iva Sole. They discover how everyday products are manufactured from cotton, sheep and cattle. Packet includes Teacher's Guide and reproducible worksheets and bulletin board materials.

Grades: K-6

Cost: \$8.00 each

American Farm Bureau Foundation for Agriculture

225 Touhy Avenue

Park Ridge, IL 60068

Phone: 847-685-8663

Fax: 847-685-8969

Website: www.ageducate.org

Colorado Farm Bureau

9177 E. Mineral Circle

Centennial, CO 80112

Phone: 303-749-7500

Fax: 303-749-7743

Website: www.colofb.com

E-mail: pkenny@colofbcom

Managing Cover Crops Profitably

Managing Crops Profitably explores how and why cover crops work and provides all the information needed to build cover crops into any farming operation. Entire book also available on CD-ROM. This great resource for ag educators and computer savvy producers allows users to search for crops with one click of the mouse and download sections into new files for presentations and fact sheets.

Costs: Paperback, \$19.00 plus \$3.95 s/h

CD-ROM, \$5.00 plus \$3.95 s/h

Contact: Sustainable Agriculture Publications

Naturalize Your Farming System: A Whole-Farm Approach to Managing Pests

This 20-page bulletin helps producers -and the educators who work with them design farm-wide approaches to control pests. It lays out basic ecological principles for managing pests and suggests how to apply them to real farm situations along with cutting-edge research examples and anecdotes from farmers using such strategies in their fields. Co-written by a team of research scientists. (May 2000)

Cost: FREE, Download printable versions of the bulletins at

www.sare.org/htdocs/pubs/

Sustainable Agriculture Publications

210 Hills Building

University of Vermont

Burlington, VT 05405-0082

Contact: Valerie Berton 301-504-5230

Orders: 802-656-0484

Fax: 802-656-4656

E-mail: sanpubs@uvm.edu

Website: www.sare.org

Play "Move the Cow" Space-Age Style

Kids like video games partly to get a chance to do grown-up stuff like build cities, fly jets and drive race cars. Well, now farmers have a new video "game" of their own to play—only they can use it for serious business: running a farm. It's called FarmWin 97 and it lets farmers do all kinds of farm chores in a computer, rather than in the "real world." No, they don't use it to get out of doing their chores, but as a way to see how doing various jobs differently might save—or cost—more time and money.

Ages 8-13

Cost: Available online

Agricultural Research Service

5601 Sunnyside Avenue, Room 1-2232B

Beltsville, MD 20705-5130

Phone: 301-504-1633

Fax: 301-504-1641

E-mail: DianneOdland@ars.usda.gov

Website: www.ars.usda.gov/is/kids

Put Your Ideas to the Test: How to Conduct Research on Your Farm or Ranch

This 12-page bulletin outlines how to conduct research at the farm level, offering practical tips for both crop and livestock producers as well as a comprehensive list of more in-depth resources. Real-life examples – from a Pennsylvania vegetable farmer testing new rotations to a Montana producer experimenting with legumes to build soil and prolong pasture - may stimulate research ideas. Co-written by a team of research scientists. (August 1999)

Cost: FREE, Download printable versions of the bulletins at

www.sare.org/htdocs/pubs/

Contact: Sustainable Agriculture Publications

Reap New Profits: Marketing Strategies for Farmers and Ranchers

This 20-page bulletin offers snapshots of the many alternatives to marketing commodities through conventional channels. Describes how to break into farmers' markets; establish pick-your-own operations and farm stands; begin entertainment farming; open a Community Supported Agriculture (CSA) farm; join or start a cooperative; sell to restaurants or through mail order and the Internet; how to process and

direct-market meat and ways to add value to farm products. (November 1999)

Cost: FREE, Download printable versions of the bulletins at www.sare.org/htdocs/pubs/

Contact: Sustainable Agriculture Publications

Reap New Profits: Marketing Strategies for Farmers and Ranchers, A PowerPoint Presentation for Educators

As interest in agricultural direct marketing continues to grow, this set of alternative marketing resources designed specifically for agricultural educators, extension staff and other professionals will help answer common questions from producers seeking to increase profits. The CD-ROM presentation, which any educator can pull off the shelf and run as a training session, will help farmers explore new ways to market and add value to their products through such tried-and-true techniques as farmers' markets, farm stands, agritourism, community supported agriculture, creating value-added farm products, mail order and Internet sales and more. (August 2000)

Cost: FREE, Download printable versions of the bulletins at

www.sare.org/htdocs/pubs/

Sustainable Agriculture Publications

210 Hills Building

University of Vermont

Burlington, VT 05405-0082

Contact: Valerie Berton 301-504-5230

Orders: 802-656-0484

Fax: 802-656-4656

E-mail: sanpubs@uvm.edu

Website: www.sare.org

Site-Specific Crop Management Featuring AGLIME

The Aglime software will help your students understand the principles of precision farming, the type of equipment and software required and the economic return of satellite-directed farming. Eight major areas are covered, including: aglime principles, site-specific-aglime techniques (incorporating GPS), soil surveys and aglime application. The software illustrates Global Positioning Systems (GPS) and Geographic Information Systems (GIS) and how these can assist in today's environmentally-sound farming practices.

Middle/High Schools

Cost: \$50.00 Macintosh or Windows

Agri-Education, Inc.

801 Shakespeare Avenue

P.O. Box 497

Stratford, IA 50249

Phone: 515-838-3000

Fax: 515-838-2788

E-mail: agri_ed@agri-ed.com

Website: www.agri-ed.com

Slice

Packet includes Teacher's Guide, reproducible activity sheets and bulletin board materials to teach students about production, processing, distribution and marketing of food products from the farm to our homes.

Grades: K-6

Cost: \$7.00 each

American Farm Bureau Foundation for Agriculture

225 Touhy Avenue

Park Ridge, IL 60068

Phone: 847-685-8663

Fax: 847-685-8969

Website: www.ageducate.org

Colorado Farm Bureau

9177 E. Mineral Circle

Centennial, CO 80112

Phone: 303-749-7500

Fax: 303-749-7743

Website: www.colofb.com

E-mail: pkenny@colofb.com

Steel in the Field: A Farmer's Guide to Weed Management Tools

Weed control demands time, labor and expense for every farmer every year. Steel in the Field shows how today's implements and techniques can control weeds while reducing – or eliminating – herbicides. In practical language, the 128-page book presents what farmers and researchers have learned in the last 20 years about cutting weed-control costs through improved cultivation tools, cover crops and new cropping rotations.

Paperback, \$18 plus \$3.95 s/h
Sustainable Agriculture Publications
210 Hills Building
University of Vermont
Burlington, VT 05405-0082
Contact: Valerie Berton 301-504-5230
Orders: 802-656-0484
Fax: 802-656-4656
E-mail: sanpubs@uvm.edu
Website: www.sare.org

Sustainable Agriculture Research and Education Program

The USDA's Sustainable Agriculture Research and Education program works primarily through competitive grants, which are offered through four regions under the direction of councils that include farmers and ranchers along with representatives from universities, government, agribusiness and nonprofit organizations. Since 1988, SARE has funded more than 2,000 projects, including: Research and Education, Professional Development, Producer.

- * For general information about grant procedures and to get on the calls for proposal list, contact (435) 797-2257; fnhinck@cc.usu.edu
- * For information about producer grants, contact (435) 797-2183; bobn@ext.usu.edu
- * For information about professional development grants, contact (307) 532-8892; freeburn@uwyo.edu
- * For media and other communications questions, contact the USU office at (435) 753-2766; rdaines@cache.net
The Sustainable Agriculture Research and Education (SARE) Program
Western Region
Utah State University
Contact: Valerie Berton 301-504-5230
Orders: 802-656-0484
Fax: 435-753-2766
Website: http://wsare.usu.edu/

Ten Things Kids Want To Know About Farming

This 22-minute video takes students on a series of field trips to farm and ranch locations throughout the United States, offering them a firsthand view of what happens to produce food and clothing.

Grades: 4-6 Cost: \$18.50 each video

Lesson plans to accompany video: \$5.00 each

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

The New Farmers' Market: Farm-Fresh Ideas For Producers, Managers & Communities

Learn about the "hottest" products to grow and sell as well as how best to display and merchandise your products, set prices and run a friendly,

profitable business. The 272-page volume includes 100 photographs and a detailed list of additional resources.

Paperback, \$24.95 plus \$3.95 s/h
Sustainable Agriculture Publications
210 Hills Building
University of Vermont
Burlington, VT 05405-0082
Contact: Valerie Berton 301-504-5230
Orders: 802-656-0484
Fax: 802-656-4656
E-mail: sanpubs@uvm.edu
Website: www.sare.org

Welcome to Our Apple Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of apple farming. Designed to stimulate interest in a visit to an apple farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Contact: Pyramid Publishing

Welcome to Our Berry Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of berry farming. Designed to stimulate interest in a visit to a berry farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Contact: Pyramid Publishing

Welcome to Our Cherry Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of cherry farming. Designed to stimulate interest in a visit to a cherry farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Contact: Pyramid Publishing

Welcome to Our Pumpkin Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of pumpkin farming. Designed to stimulate interest in a visit to a pumpkin farm. This is a participation book and an excellent field trip review.

Grades PreK-3

Cost: (\$.30) 30 cents each

Contact: Pyramid Publishing

Welcome to Our Real Christmas Tree Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of Christmas tree farming. Designed to stimulate interest in a visit to a Christmas tree farm. This is a participation book and an excellent field trip review.

Grades PreK-3 Cost: (\$.30) 30 cents each

Contact: Pyramid Publishing

Welcome to Our Vegetable Farm

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, history and nutrition of vegetables. Designed to stimulate interest in a visit to a vegetable farm. This is a participation book and an excellent field trip review.

Grades PreK-3 Cost: (\$.30) 30 cents each

Pyramid Publishing
9 Greenwood Court
Racine, WI 53402
Phone: 262-752-0184
Fax: 262-752-0185
E-mail: TomK124@aol.com

Working for You

Whether seeking relief from a struggling farm economy, increasing export opportunities or protecting farmers' access to crop protection tools, this past year we were at the forefront, working for and with Farm Bureau members to secure a better tomorrow for America's farm and ranch families.

Cost: FREE online

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

FERTILIZERS**Colorado State University Cooperative Extension Publications**

This publication lists a variety of resources about food preparations, gardening, agriculture, family matters, small acreage management and nutrition.

Adult

Cost: FREE
Colorado State Cooperative Extension
115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Fun With the Plant Nutrient Team

This 24-page activity book features nitrogen (N), phosphorus (P) and potassium (K), the major plant nutrients, as characters in a variety of activities such as dot-to-dot, word puzzles, coloring, mazes, matching pictures and experiments. Principles such as soil conservation and science as part of modern agriculture are included.

Grades K-3

Cost: \$1.00 each plus s/h. A teacher's guide is available—one free for every 20 booklets ordered or \$.50 each.
Contact: Potash and Phosphate Institute

MICRONUTRIENTS: The Activators

Each of the major crop nutrients, secondary nutrients and micronutrients have unique functions and are essential for crop growth. This colorful series of brochures spotlights the nutrients. One theme is carried throughout the series: "Improving Plant Production for Human Health and Environmental Quality."

Grades 4-8

Cost: \$.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

Nitrogen...for People and the Environment

This colorful 8-1/2 x 11-inch, 8-page booklet explains the origin of nitrogen in an easy-to-understand format. Photographs, illustrations and text demonstrate the role of nitrogen in our environment.

Grades 5-8

Cost: \$1.50 each plus s/h
Quantity discounts available
Contact: Potash and Phosphate Institute

NITROGEN: The Superstar

Each of the major crop nutrients, secondary nutrients and micronutrients have unique functions and are essential for crop growth. This colorful series of brochures spotlights the nutrients. One theme is carried throughout the series: "Improving Plant Production for Human Health and Environmental Quality."

Grades 4-8

Cost: \$.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

Phosphorus...for People and the Environment

This colorful 8-1/2 x 11-inch, 8-page booklet explains the origin of phosphorus in an easy-to-understand format. Photographs, illustrations and text demonstrate the role of phosphorus in our environment.

Grades 5-8

Cost: \$1.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

PHOSPHORUS: The Energizer

Each of the major crop nutrients, secondary nutrients and micronutrients has unique functions and is essential for crop growth. This colorful series of brochures spotlights the nutrients. One theme is carried throughout the series: "Improving Plant Production for Human Health and Environmental Quality."

Grades 4-8

Cost: \$.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

Potassium...for People and the Environment

This colorful 8-1/2 x 11-inch, 8-page book explains the origin of potassium in an easy-to-understand format. Photographs, illustrations and text demonstrate the role of potassium in our environment.

Grades 5-8

Cost: \$1.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

POTASSIUM: The Regulator

Each of the major crop nutrients, secondary nutrients and micronutrients have unique functions and are essential for crop growth. This colorful series of brochures spotlights the nutrients. One theme is carried throughout the series: "Improving Plant Production for Human Health and Environmental Quality."

Grades 4-8

Cost: \$.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

SECONDARY NUTRIENTS: The Synthesizers

Each of the major crop nutrients, secondary nutrients and micronutrients have unique functions and are essential for crop growth. This colorful series of brochures spotlights the nutrients. One theme is carried throughout the series: "Improving Plant Production for Human Health and Environmental Quality."

Grades 4-8

Cost: \$.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute

Understanding Nitrogen in Our World

This booklet was created to develop an understanding and knowledge of nitrogen and its vital role in our environment and crop production. It takes a scientific look at where we find nitrogen, how nitrogen affects our lives, and why nitrogen has such an important role. The 24-page full color illustrated booklet can be used alone or together with "Understanding Phosphorus" and "Understanding Potassium in Our World" booklets for a complete unit on the three major plant nutrients.

Grades 4-8

Cost: \$1.50 each plus s/h—quantity discounts available
Contact: Potash and Phosphate Institute



Understanding Phosphorus in Our World

This booklet was created to develop an understanding and knowledge of phosphorus and its vital role in our environment and crop production. Phosphorus is an essential element for both plant and animal growth. The booklet explains the need for phosphorus in producing plentiful and nutritious food. The 24-page full color illustrated booklet can be used alone or together with "Understanding Nitrogen" and "Understanding Potassium in Our World" booklets for a complete unit on the three major plant nutrients.

Grades 4-8

Cost: \$1.50 each plus s/h—quantity discounts available

Contact: Potash and Phosphate Institute (see below)

Understanding Potassium in Our World

This booklet was created to develop an understanding and knowledge of potassium and its vital role in our environment and crop production. 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. The 24-page full color illustrated booklet can be used alone or together with "Understanding Phosphorus" and "Understanding Nitrogen in Our World" booklets for a complete unit on the three major plant nutrients.

Grades 4-8

Cost: \$1.50 each plus s/h—quantity discounts available

Potash and Phosphate Institute
655 Engineering Drive, Suite 110
Norcross, GA 30092-2837
Phone: 770-825-8076
Fax: 770-448-0439
E-mail: kgriffin@ppi-far.org
Website: www.ppi-ppic.org ---> "It's Elementary"

FOOD

Breakfast Around the World

If you are bored, this cookbook is just for you. You will visit 43 countries and experience what people in other nations enjoy for breakfast. You can make the 475 recipes with ease from ingredients available at your supermarket.

All ages

Cost: \$24.95

The ABC's of Food
34 Greenbrier Drive
Oroville, CA 95966
Phone: 530-589-0359
E-mail: rscalhoun@saber.net

Colorado State University Cooperative Extension Publications

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult

Cost: FREE

Colorado State Cooperative Extension
115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Discover the Seasons: Written and Illustrated by Diane Iverson

The young child is introduced to the wonders of the changing seasons in Discover the Seasons. The unique spirit of each part of the year is vividly captured in celebration for spring, learning for summer, work for fall and rest for winter. Each theme is then explored through hands-on activities that adults and children can share, including tasty recipes using freshly gathered fruits and vegetables. Contains the following curriculum components: Seasons & Animals, Poetry, Hands-on Activities, Easy Recipes. 48 pages. Fully illustrated.

Ages 3 to 10

Cost: \$9.95 plus S&H - Order DISC/ISBN 1-883220-43-2

Dawn Publications
Bitney Springs Rd.
Nevada City, CA 95959

Phone: 1-800-545-7475

Fax: (530) 274-7778

Website: www.dawnpub.com

Introduction to Agriculture -- Farm & Food Bytes

This unit can be used by students to better understand farmers and how animals benefit us. "I'm not an ag teacher, so that won't work for me." Oh, but on the contrary, the Farm & Food Bytes programs are supplemental and built around math, science, social studies and language arts. Software options and workbook activities challenge students to use their skills and make decisions related to nutrition, chores and story problems. Group activities can enliven even the most routine of days. The popular "Pioneer Days" and "Modern Farming" games are found in this program.

Grades 3-5

Cost: \$39.00 (Both Macintosh and Windows)

Agri-Education, Inc.
801 Shakespeare Avenue
P.O. Box 497
Stratford, IA 50249
Phone: 515-838-3000
Fax: 515-838-2788
E-mail: agri_ed@agri-ed.com
Website: www.agri-ed.com

Mr. Jelly Belly's Factory Tour

This video gives young viewers a chance to take a "field trip" into a manufacturing plant and witness all the various steps which go into producing a familiar product -- in this case, jelly beans. An animated Mr. Jelly takes students behind the scenes to watch how jelly beans are prepared, tested, shaped, finished, shipped and how strict quality control ensures consumers of a high-quality finished product. A teacher's guide accompanies the video along with recipe booklets, flavor menus, a poster and stickers. 8 Minutes.

Grades K-5

Cost: FREE

Order online or by faxing 800-358-5218

Video Placement Worldwide
Post Office Box 58142
St. Petersburg, FL 33715-9976
Phone: 800-358-5218
Website: www.vpw.com

Nutrition Issue of Colorado Reader

The United States produces the greatest abundance of food in the world. Despite this abundance, over half of all 2 to 10-year-old children do not consume enough calcium, vitamin B6 and zinc. About 50 nutrients are needed daily for body growth, maintenance and repair. No one food contains all of these nutrients in the required amounts.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

More Nutrition, Building Blocks Issue of Colorado Reader

Nutrients are the building blocks for us to grow and function. It takes a variety of foods to supply all our needs. Learn about proteins, vitamins, carbohydrates and more.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Pizza Ag Magazine

This educational resource uses word games, math and science exercises and hands-on activities.

Grades: 4-6 Cost: \$5.00 for 30

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: 847-685-8663
Fax: 847-685-8969
Website: www.ageducate.org
Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

The ABC's of Food

The ABC's of Food is part-dictionary, part-encyclopedia, part-anthology of articles about food and part-classroom activity guide. The ABC's of Food is a great reference book for agricultural classes and cooking labs. It is an ideal source book for lesson enhancers. It contains educational lessons to supplement a curriculum with things to do, places to go, websites to visit, brief fascinating histories, true short stories. The following are some of the categories you can use to teach lessons:

American History, World History, Language Arts, Gardening, Health and Safety, Nutrition, Myths and Legends, Table Manners, Geography, Regional Foods and American Geography, Places to Visit -- In Person or Online, Festivals, Technology, Famous People (Biographies), Math, Biology, Botany, Science, Strange But True, Art and Antiques, Education, Activities and Games, Crafts, Fiction, Holidays, Fish Tales and Tips.

Grades 4-adult

Cost: \$27.00 postage paid (School price) - \$44.95 regular price

The ABC's of Food
34 Greenbrier Drive
Oroville, CA 95966
Phone: 530-589-0359
E-mail: rscalhoun@saber.net

Welcome to Our Sugarhouse

A comprehensive children's activity book designed to educate and entertain children as they learn about the production, uses and history of maple syrup.

Grades PreK-3 Cost: (\$.30) 30 cents each

Pyramid Publishing
9 Greenwood Court
Racine, WI 53402
Phone: 262-752-0184
Fax: 262-752-0185
E-mail: TomK124@aol.com

Who Gets Your Food Dollar?

This brochure show how much of the consumer food dollar actually makes it back to the farm. It also shows the farm value of several food items.

Colorado Farm Bureau
9177 E. Mineral Circle
Centennial, CO 80112
Phone: 303-749-7500
Fax: 303-749-7743
Website: www.colofb.com
E-mail: pkenny@colofb.com

FOOD SAFETY**Colorado State University Cooperative Extension Publications**

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult Cost: FREE

Colorado State Cooperative Extension

115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Food Safety: Facts for Your File

This fact sheet provides current information about food safety in the United States. It includes an overview of how our changing lifestyles, food choices and food handling skills affects the incidence of foodborne illness and the challenges remaining for our society in dealing with this issue.

Grades 6-Adult Cost: FREE

Colorado Beef Council
789 Sherman Street, Suite 105
Denver, CO 80203
Phone: 303-830-7892
Fax: 303-830-7896
E-mail: info@cobeeff.com
Website: www.cobeeff.com

Food Safety Issue of the Colorado Reader

Students learn ways to keep their food safe from developing food-borne illnesses. From lunch box to picnics, there are methods to keep food safe.

Grades: 4-6 Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Health and Nutrition from the Garden

This new book in the Junior Master Gardener series is packed with basic gardening information that includes growing techniques, food safety, healthy eating tips and nutritious snack food preparation. This book is a great tool for educators who use garden programs to teach students about health, nutrition, food safety and wise decision-making skills. This book is ideal for grades 3-5.

Grades 3-5

Cost: \$29.95

National Gardening Association
100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Soundbites: Nutritional Labeling Plain and Simple

This kit will help students learn about the nutrition labeling program. It explains how to read and apply the nutrition label and how the Food Guide Pyramid and nutrition labels can be used to build a healthful diet. Included are: Teacher's Guide (4-pages), storage portfolio, blackline masters (8 titles) and a full-color poster (34" x 22").

Upper elementary through adult

Cost: FREE, one per classroom

Contact: Colorado Beef Council (see address above)

Take a Cook on the Wild Side

This video kit is designed to help Jr/Sr High School students learn about food safety and nutrition and includes information on beef preparation. The kit includes a 20-minute video, a 16-page leader's guide, eight blackline masters, a "Retail Cuts of Beef" poster and "Basics About Beef" student booklet.

Grades 7-12

Cost: FREE, one per classroom

Contact: Colorado Beef Council (see address above)

The Farmers's Commitment to Food Safety

A four-color brochure that highlights farmers' commitment to food safety.
 Colorado Farm Bureau
 9177 E. Mineral Circle
 Centennial, CO 80112
 Phone: 303-749-7500
 Fax: 303-749-7743
 Website: www.colofb.com
 E-mail: pkenny@colofb.com

The Safe Food Journey

Detailing the journey food makes from the farm to students' homes, this colorful 22' x 32" educational poster gives processes to promote a safe food supply at every "stop." On the reverse side of the poster, activities and worksheets help teachers educate their students about the basics of safe, hygienic and healthful handling of food. Appropriate for 2nd - 4th Grades.

Grades 2-4

Cost: FREE, one per classroom
 Contact: Colorado Beef Council

Your Game Plan for Food Safety

Developed by the Partnership for Food Safety Education, this program engages kids in science experiments that help them understand the importance of food safety. Components include a video, experiments, home food safety checklist, FBI (foodborne illness) case, poster and teacher's guide.

Grades 4-6

Cost: FREE, one per classroom
 Colorado Beef Council
 789 Sherman Street, Suite 105
 Denver, CO 80203
 Phone: 303-830-7892
 Fax: 303-830-7896
 E-mail: info@cobeeff.com
 Website: www.cobeeff.com

FORESTRY/FOREST PRODUCTS

Appalachian Hardwoods: The Height of Beauty

This full-color brochure is an excellent choice for general promotion of Appalachian hardwoods. It is designed for worldwide distribution to help people understand the unique characteristics of Appalachian species.

All ages

Cost: Quantity up to 10 @ No Charge—\$2 each (over 10)
 Contact: Appalachian Hardwood Manufacturers, Inc.

Lessons in Appalachian Forestry

This workbook is designed for high school and adult audiences to help them better understand forest management and the characteristics of trees grown in the Appalachian region. This 23-page book has been widely used in classrooms as a tool to assist in understanding the benefits of the forests and how man can utilize those benefits without fear of destroying or depleting the environment.

Grades 9-adult

Cost: Quantity up to 10 @ No Charge—\$3 each (over 10)
 Contact: Appalachian Hardwood Manufacturers, Inc.

You Can Do It Activity Book

This activity book is designed for the second grade level. It has two purposes – one is to acquaint students with forests and forest conservation principles. At the same time, each activity serves to give additional practice in the basic educational skills for the second grade level. The book may be used in conjunction with activities in the basic skills or used alone as a unit in forest conservation.

Second Grade

Cost: Quantity up to 10 @ No Charge
 Copy as needed
 Contact: Appalachian Hardwood Manufacturers, Inc.

Your Wood Fact Book

This pocket-sized pamphlet offers detailed information about the commercial hardwood species grown and harvested in the region

including a leaf identification guide, drawings of tree and fruit shapes, species properties, characteristics and uses. This guide is excellent for all ages and is one of AHMI's most popular brochures.

All ages

Cost: Quantity up to 10 @ No Charge—\$1 each (over 10)
 Appalachian Hardwood Manufacturers, Inc.
 Post Office Box 427
 712 West Lexington Avenue, Suite 202
 High Point, NC 27261
 Phone: 336-885-8315
 Fax: 336-886-8865
 E-mail: ahmi@northstate.net
 Website: www.appalachianwood.org

GARDENING

Colorado State University Cooperative Extension Publications

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult

Cost: FREE
 Colorado State Cooperative Extension
 115 General Services Building
 Colorado State University
 Ft. Collins Colorado 80523
 877-692-9358
 E-mail: cerc1@ur.colostate.edu
 Website: www.cerc.colostate.edu

Digging Deeper: Integrating Youth Gardens into Schools and Communities

A comprehensive guide and invaluable resource for educators and parents that contains dozens of project ideas for the curious child out in the garden and in nature. Much more than a how-to manual on growing food with children, "Digging Deeper" demonstrates how well-planned gardening programs can become the foundation for building community-based schools for lifelong learning. Paper; 8.5 x 11; 160 pages; b&w photos and illustrations; activities; appendixes.

Elementary-High School

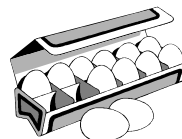
Cost: \$19.95 (ISBN 1-884430-04-X)
 Food Works' Two Rivers Center for Sustainability
 Common Roots Press
 64 Main Street
 Montpelier, VT 05602
 Phone: 800-223-1515
 Fax: 802-229-5277
 E-mail: info@tworiverscenter.org
 Website: www.tworiverscenter.org

Free Seeds for School Gardens

Supplies community gardens, neighborhood coalitions and other organizations with free vegetable, flower and herb seeds, flower bulbs and books like the Green Earth Guide and Gardening for Optimal Nutrition for educational, hunger relief and beautification.

Grades K-12

Cost: Shipping & Handling charge
 America the Beautiful Fund
 1730 K Street, NW
 Suite 1002
 Washington, DC 20006
 Phone: 202-638-1649
 Fax: 202-204-0028
 Website: www.freeseeds.org



From Seed to Seed: Plant Science for K-8 Educators

Whether you already teach botany and gardening in your classroom or would like to, NGA's exclusive professional development course will strengthen your science curriculum. It offers a working knowledge of botany, plus a host of activities and experiments that help children explore the life cycle of plants. Following the life of a plant from seed to seed, the course units address national K-8 standards with connections to other disciplines, such as math, history, geography and more. Our relevant inquiry-based activities encourage students to think and act like scientists.

Grades K-8 Cost: Available Online Only \$60.00

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Garden Fun!

Garden Fun! -- where kids will harvest bushels of good times and marvel at Mother Nature! A year-round "fun" book, where the more dirt under kids' fingernails, the better!

Ages 8 and up Cost: \$7.95

Williamson Publishing Company
Post Office Box 185
1355 Church Hill Road
Charlotte, VT 05445
Phone: 800-234-8791
Fax: 800-304-7224
E-mail: info@williamsonbooks.com
Website: www.williamsonbooks.com

Gardening with Kids Catalog

This catalog is packed with garden-based educational tools that cross the curriculum. Study science with our GrowLab Indoor Light Gardens, worm habitats, microscopes and botany slides. Use the garden and our array of new posters and books to explore cultures and nutrition. Discover ecosystems and habitats with our Living Machine, Butterfly Lab Tower and Rainforest Kit. And write it all up in our exclusive Gardening Journal. Join the Gardening with Kids community today and put our garden-based tools to work in your classroom!

All ages

Cost: To order: Call 800-538-7476 or Go To: www.kidsgardening.com

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Green Things—Greenhouses and Horticulture Issue of the Colorado Reader

Students learn about growing plants in greenhouses. They learn about agriculture, horticulture and floriculture. They are introduced to propagation of plants and about greenhouse crops.

Grades: 4-6 Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Grow Your Own Pizza

Organized by easy, medium and advanced level garden plots, this book enables the blossoming gardener and chef to progress to more advanced creations as their skills are refined. "A great book for kids wanting to learn how to garden, cook and have an endless supply of pizza." --Herb Quarterly. 128 pages. Full-color illustrations. Author Constance Hardesty.

Ages 8-12

Cost: \$16.95

Fulcrum Publishing
16100 Table Mountain Parkway #300
Golden, CO 80403
Phone: 303-277-1623
Fax: 800-726-7112
E-mail: susanw@fulcrum-books.com/
Website: www.fulcrum-books.co

GrowLab: A Complete Guide to Gardening in the Classroom

In this comprehensive book by the National Gardening Association, you'll find everything you and your students need to know about indoor gardening. From planning and planting an indoor garden to tackling pests and other challenges, this well-written, easy-to-follow resource will guide you to growing success. Highlights: setting up an indoor garden; planning and planting; choosing vegetables, herbs and flowers to grow indoors; tackling pests and other problems; maintaining a healthy growing environment; conducting special gardening projects.

Grades K-8 Cost: \$19.95

GrowLab Book Set \$39.90

Contact: National Gardening Association

GrowLab: Activities for Growing Minds

Whether you're growing in a greenhouse, a GrowLab Indoor Light Garden, or on a windowsill, this complete curriculum will help spark students' curiosity about plants and invite them to think and act like scientists. Developed by the National Gardening Association and written and field-tested by educators, this guide uses fun, illustrated activities to explore plant life cycles, examine plant diversity and investigate the interdependence of plants, humans and other living and non-living things. It's a must for any plant-based studies! Highlights: lessons have extensive teacher background information, clear objectives, grade indicators and material lists; explorations are adaptable to your time frame, from 2 weeks to a year and are multidisciplinary; a step-by-step, constructivist teaching cycle promotes inquiry and teamwork and reflects current thinking about how kids learn best; more than 30 inviting, reproducible record-keeping sheets encourage careful observation and reporting; subjects from language arts to drama are woven into investigations; activity format helps you assess what your students have learned; an annotated bibliography describes recommended resource books.

Grades K-8 Cost: \$24.95

GrowLab Book Set \$39.90

Contact: National Gardening Association

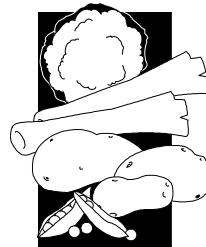
Health and Nutrition from the Garden

This new book in the Junior Master Gardener series is packed with basic gardening information that includes growing techniques, food safety, healthy eating tips and nutritious snack food preparation. This book is a great tool for educators who use garden programs to teach students about health, nutrition, food safety and wise decision-making skills. This book is ideal for grades 3-5.

Grades 3-5

Cost: \$29.95

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com



In the Three Sisters Garden

"Sister Corn", "Sister Bean" and "Sister Squash" introduce children to gardening in two distinct yearlong adventures that explore the ancient wisdom of the land. Paper; 8.5 x 11; 384 pages; illustrations; activities; bibliography; index; resources.

Grades K-5

Cost: \$28.95 (ISBN 0-7872-2175-9)

Food Works! Two Rivers Center for Sustainability
Common Roots Press
64 Main Street
Montpelier, VT 05602
Phone: 800-223-1515
Fax: 802-229-5277
E-mail: info@tworiverscenter.org
Website: www.tworiverscenter.org

Junior Master Gardener Program

This premier children's gardening program enables your class or youth group to become certified Junior Master Gardeners. Use the children's handbook and teacher/leader guide together to incorporate group and individual activities. An exciting complement to youth garden programs. Level I is written for grades 3-5.

Grades 3-5

Cost: JMG Level I Youth Handbook \$20.00—5 or more, Youth Handbooks \$18.00 each; JMG Level I Teacher/Leader Guide \$45.00

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Kids Garden

From tiny microbes to lunar planting mysteries, kids try all sorts of intriguing learning activities, including growing an outdoor salsa garden and a houseplant too. Something for every degree of interest. Received Parents' Choice Approved Award and Dr. Toy Best Vacation Product.

Ages 6-14 Cost: \$12.95

Williamson Publishing Company
Post Office Box 185
1355 Church Hill Road
Charlotte, VT 05445
Phone: 800-234-8791
Fax: 800-304-7224
E-mail: info@williamsonbooks.com
Website: www.williamsonbooks.com

Kidsgardening

This interactive Website is a tremendous resource where teachers, parents and others who garden with kids find inspiration, advice and opportunities for exchange. It features an intensive article library of classroom stories and activities; a resource directory with grants, books, Web links and free materials.

All ages Cost: FREE

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Mini Greenhouses

An opportunity for students to learn the importance of plants to people, what plants need to live and functions of plant parts. The program is designed for primary grades and includes kits (base, top, three compressed peat wafers, three types of seeds) and teacher guide. The seeds provided would be Indian corn, Anasazi beans and sunflowers so educators can relate to Native American social studies. Plant activities and demonstrations are designed for a 45-minute period.

Grades primary

Cost: \$.75-\$1.00 per kit (depending upon donations received) with a

free teacher's guide with each 20 kits.

Tom Fey
Adams County Cooperative Extension
19755 Henderson
Brighton, CO 80691
303-637-7842

Pumpkin Circle

Both the award winning PUMPKIN CIRCLE video (with narration by Danny Glover and music by George Winston) and the full color PUMPKIN CIRCLE picture book show the amazing cycle of nature unfolding in a real backyard pumpkin patch. Either together or separately, the book and video are perfect for fall pumpkin units and for spring-time planting. Pumpkin seeds and classroom activities are included. Grades preK-4. Both the video and the book are available in Spanish and English.

Grades preK-4

Cost: Video: \$49.95 (English or Spanish)
Book: Hardcover \$15.95/Paperback: \$7.95

Informed Democracy
Post Office Box 67
Santa Cruz, CA 95063
Phone: 800-827-0949
Fax: 831-426-2312
E-mail: garden@cruzio.com/Website: www.pumpkincircle.com

School Greenhouse Guide

This on-line 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-12 educators

Cost: FREE on-line information
Contact: National Gardening Association

Steps to A Bountiful Kids' Garden

This information-packed, how-to guide contains all you need to know to launch and sustain a school or community kids' gardening program. Topics include rallying support, recruiting volunteers, developing the garden site, starting seeds indoors, transplanting, controlling pests, making curriculum connections and more. An invaluable resource for schools, PTAs and community youth volunteers who want to build a sustainable garden project. Pages are collated, 3-hole punched and shrinkwrapped. Binder not included.

Grades K-8 Cost: \$12.95

Contact: National Gardening Association

The Growing Classroom

Developed by the Life Lab Science Program, this teacher's manual features strategies for managing garden-based science instruction—including planning a garden laboratory, facilitating investigative lessons on ecology and nutrition and involving the community.

Grades K-8 Cost: \$38.95

Contact: National Gardening Association (see below)

Tips & Techniques Series

This series includes "Kids Gardening Activities", "Funding a Kids' Garden", "Composting", "Creating Theme Gardens" and "Research Support for Kids' Gardening."

Adults

Cost: FREE on-line information
National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

Unearthing Garden Mysteries

In more than 20 classroom-tested projects, kids can delve into the scientific processes and personalities of garden life. Emphasizing the importance of observation, analysis and respect for living things, this informative resource provides young gardeners not only the joys of hands-on learning, but also life-long skills. 188 photographs. 96 pages. Author Ellen Talmage

Ages 7-12 Cost: \$17.95

Fulcrum Publishing
16100 Table Mountain Parkway #300
Golden, CO 80403
Phone: 303-277-1623
Fax: 800-726-7112
E-mail: susanw@fulcrum-books.com
Website: www.fulcrum-books.com

HISTORY**Breakfast Around the World**

If you are bored, this cookbook is just for you. You will visit 43 countries and experience what people in other nations enjoy for breakfast. You can make the 475 recipes with ease from ingredients available at your supermarket.

All ages Cost: \$24.95

The ABC's of Food
34 Greenbrier Drive
Oroville, CA 95966
Phone: 530-589-0359
E-mail: rscalhoun@saber.net

Cattle in Colorado History

Revised in 2001, "Cattle in Colorado History" teaches students about the cattle heritage of Colorado. In the 22 pages, the booklet shares with the student the development of the cattle industry in Colorado as well as some of today's technology. Activities within the booklet reinforce the information using educational principles required by the Colorado State Academic Standards.

Grade 4 Cost: FREE, one per student

Contact: Colorado Beef Council

Celebrate America!

New in the fall of 2002, this video kit will supplement the social studies curriculum and provide students the opportunity to explore the foods and traditions of their own individual cultural backgrounds, as well as gather information about how and when their families came to America. The centerpiece of the kit is a video in which a class visits the Statue of Liberty. This kit includes a 20-minute video, teacher's guide, activity masters, "Eat Well, Grow Strong" poster and an evaluation.

All ages Cost: FREE, one per classroom

Contact: Colorado Beef Council

Cowboys Then and Now

"Cowboys Then and Now" chronicles the American cowboy through time. The video focuses on the historic era of 1865-1895, a brief but buoyant time of the open-range American cowboy.

Grades 7-8 Cost: FREE

Contact: Colorado Beef Council

Dig In!

This kit is a 3rd and 4th grade unit that uses the ancient Egyptian culture and its pyramids to teach fundamental lessons about the "Food Guide Pyramid", good nutrition and physical activity.

Grades 3-4

Cost: FREE

Colorado Beef Council
789 Sherman Street, Suite 105
Denver, CO 80203
Phone: 303-830-7892
Fax: 303-830-7896
E-mail: info@cobeeff.com
Website: www.cobeeff.com

Living Traditions

"Living Traditions" guides teachers through a clear, step-by-step process for developing integrated, standards-based curricula focusing on the stories, crafts and traditions of the community that surrounds their school. Part II is a complete, ready-to-use, seasonal unit of place-based projects and learning activities that can be undertaken in any community and aligned to any state's or school district's educational standards. Paper; 8.5 x 11; 240 pages; b&w photos and illustrations; activities; forms, rubrics, checklists; glossary; appendixes; resources.

Grades K-5

Cost: \$19.95 (ISBN 1-884430-06-6)

Food Works' Two Rivers Center for Sustainability
Common Roots Press
64 Main Street
Montpelier, VT 05602
Phone: 800-223-1515
Fax: 802-229-5277
E-mail: info@tworiverscenter.org
Website: www.tworiverscenter.org

Save Our History: The Missouri River Project

In the early 1800s, the spirited explorers Lewis and Clark and their crew devoted nearly three years to the expedition "Corps of Discovery," and so paved the way into North America for European settlers who followed in their wake...igniting the machinations of commerce and government. As we approach the bicentennial of the Lewis and Clark exploration, The History Channel calls attention to the need for the Missouri River's restoration to some of its original prominence and splendor. To accompany this documentary as part of its SAVE OUR HISTORY campaign, The History Channel has produced an interactive web site that includes teaching materials to help teachers integrate the study of the Missouri River and river ecology into their curricula. The teacher's manual contains lesson plans, on-line activities for grades 4-12 and addresses subjects from history and language arts to math and environmental science. Educators can access these materials by logging onto www.HistoryChannel.com/classroom/missouri/.

Grades 4-12

Cost: Home video \$24.95 (#AAE-42652)

The History Channel
235 E. 45th Street
New York, NY 10017
Phone: 212-210-9747
Fax: 212-551-1540
E-mail: savehistory@aetn.com
Website: www.historychannel.com/classroom

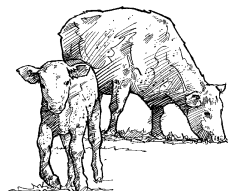
HORSES**Horses Helped Shape Today's Civilization Issue of the Colorado Reader**

Students learn about the different types of horses that lived during the different ages. They also learn how horses helped in agriculture, transportation and more.

Grades: 4-6

Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com



Horse Smarts CD

"Horse Smarts" is an interactive quiz game for horse owners, teachers and students who enjoy testing and increasing their knowledge about horses. You can choose from 10 different categories ranging from general knowledge questions to horses in television, books and history. Short quizzes are randomly drawn from a larger pool of questions, so different questions appear each time you play.

Ages 9-19

Cost: \$10.00

Oklahoma 4-H Program
205 4-H Youth Development
Oklahoma State University
Stillwater, OK 74078
Phone: 405-744-8885/Fax: 405-744-6522
E-mail: roseduc@okstate.edu
Website: www.clover.okstate.edu/fourh

HORTICULTURE**Asexual Plant Propagation**

This program includes cutting, layering, budding and grafting. It allows identification of different structures and displays various methods of asexual plant propagation. A must for all horticulture classes. Newly revised for Windows and Macintosh with upgraded color graphics and multiple drawings of the propagation processes. A keystroke manual is included.

Middle/High Schools

Cost: \$59.00 Apple II, MS-DOS, Macintosh or Windows
Contact: Agri-Education, Inc. (see below)

Green Things—Greenhouses and Horticulture Issue of the Colorado Reader

Students learn about growing plants in greenhouses. They learn about agriculture, horticulture and floriculture. They are introduced to propagation of plants and learn about greenhouse crops.

Grades: 4-6 Cost: FREE

Colorado Foundation for Agriculture
PO Box 10
Livermore, CO 80536
970-881-2902
Website: www.growingyourfuture.com

Sexual Plant Propagation

This quality program provides important concepts for all horticulture classes. Newly revised for Windows and Macintosh with upgraded color graphics and multiple drawings of different stages of plant growth. Covers identification of seed parts, seedling growth and flower parts. A keystroke manual is included.

Middle/High Schools

Cost: \$59.00 Apple II, MS-DOS, Macintosh or Windows
Agri-Education, Inc.
801 Shakespeare Avenue
P.O. Box 497
Stratford, IA 50249
Phone: 515-838-3000
Fax: 515-838-2788
E-mail: agri_ed@agri-ed.com
Website: www.agri-ed.com

HYDROPONICS**Exploring Classroom Hydroponics**

This on-line 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 Cost: FREE on-line information at
www.kidsgardening.com/hydroponicsguide/toc.asp

Gardening with Kids Catalog

This catalog is packed with garden-based educational tools that cross the curriculum. Study science with our GrowLab Indoor Light Gardens, worm habitats, microscopes and botany slides. Use the garden and our

array of new posters and books to explore cultures and nutrition. Discover ecosystems and habitats with our Living Machine, Butterfly Lab Tower, Rainforest Kit and write it all up in our exclusive Gardening Journal. Join the Gardening with Kids community today and put our garden-based tools to work in your classroom!

All ages Cost: To order: Call 800-538-7476 or
Go To: www.kidsgardening.com

Kidsgardening

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All ages Cost: FREE
National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Phone: 800-538-7476
Fax: 802-864-6889
E-mail: info@kidsgardening.com
Website: www.kidsgardening.com

INSECTS**Colorado State University Cooperative Extension Publications**

This publication lists a variety of resources about food preparation, gardening, agriculture, family matters, small acreage management and nutrition.

Adult Cost: FREE
Colorado State Cooperative Extension
115 General Services Building
Colorado State University
Ft. Collins Colorado 80523
877-692-9358
E-mail: cerc1@ur.colostate.edu
Website: www.cerc.colostate.edu

Sci4Kids/Ciencia Para Ninos Website

A website designed for teachers and students. Includes fun activities to learn about Agriculture and the Environment, Farm Animal Research, Soil Research, High Tech Research, Chemistry, Science, Nutrition, Farming, Remote Sensing and Outer Space, Insects, Plants, Transportation, Clean Water, Fish Farming and Weird Science. Also includes a Teacher's Guide, Teacher's Whiz Kid Activity Packet and AgScience Project Ideas.

Ages 8-13

Cost: Available online
Agricultural Research Service
5601 Sunnyside Avenue, Room 1-2232B
Beltsville, MD 20705-5130
Phone: 301-504-1633
Fax: 301-504-1641
E-mail: DianneOdland@ars.usda.gov
Website: www.ars.usda.gov/is/kids

The Honey Files: A Bee's Life is a comprehensive video and educational guide now available for \$15.00 from the National Honey Board. This 20-minute videotape and 96-page teacher's guide will have you and your students buzzing! Designed especially for educators of grades 4-6, these fun, new educational materials provide information, classroom activities and worksheets about bees, honey and pollination.

Grades 4-6
Cost: \$15.00

National Honey Board
Websites: www.honey.com
www.nhb.org