

Instructional Kits



(appropriate for grades 4 to 8)



POULTRY mAGic

Students will uncover interesting facts about U.S. poultry production through exercises and hands-on experiments. They'll learn about the anatomy and nutritional value of an egg. They'll also learn about the history of egg production and find out how poultry dishes are prepared around the world. Kits include a printed activity guide in a 3-ring binder.

*ILAK-20 \$130.75
AK-20..... \$150.50

Activity Guide CD-ROM Only 

AK-20.2..... \$30.00



INSECT mAGic

Students will learn about the impact of insects on crop production through a variety of lessons and activities. Mapping exercises let students follow butterflies on migration patterns. Students track a day in the life of an insect and learn about wingspan, life cycles, anatomy, and social hierarchy patterns of common insects. Kits include a printed activity guide in a 3-ring binder.

*ILAK-21 \$304.50
AK-21..... \$350.25

Activity Guide CD-ROM Only 

AK-21.2 \$30.00



SOIL mAGic

Soils are alive, as students will discover through the lessons in this kit. Students will learn to conduct experiments in soil pH, create soil profiles, and understand the components of soils. They will also unveil the history of crop rotation and dig into the Dust Bowl. Kits include a printed activity guide in a 3-ring binder.

*ILAK-22 \$350.50
AK-22..... \$403.25

Activity Guide CD-ROM Only 

AK-22.2..... \$30.00



DAIRY mAGic

Hands-on exercises let students explore the processes of using milk, acids, enzymes, and bacteria to make cottage cheese, yogurt, and ice cream. Students will find out how much milk one cow produces in its lifetime. They'll also dive into history, and they'll learn about issues of supply and demand in the dairy industry. Kits include a printed activity guide in a 3-ring binder.

*ILAK-23 \$272.50
AK-23..... \$313.25

Activity Guide CD-ROM Only 

AK-23.2..... \$30.00



PLANT mAGic

This kit offers problem-solving activities in plant propagation, production, and processing. Students will conduct experiments to learn about plant differences and plant ecosystems. They'll also sequence plant products, research the discoveries of George Washington Carver, and look at the impact of crops on the national economy. Kits include a printed activity guide in a 3-ring binder.

*ILAK-24 \$334.00
AK-24..... \$384.25

Activity Guide CD-ROM Only 

AK-24.2..... \$30.00



MACHINE mAGic

Students will learn about the history of farm machinery and the impact of modern farming techniques on families and communities. They'll also learn how inventors John Deere and Cyrus McCormick helped shape modern agriculture. Hands-on exercises let students identify machinery parts and estimate farm machinery costs.

*ILAK-25 \$305.50
AK-25..... \$351.50

Activity Guide CD-ROM Only 

AK-25.2..... \$30.00

***Prices for Illinois residents subsidized by developmental funds from the Facilitating Coordination in Agricultural Education, a project of the Illinois State Board of Education.**

Biotechnology Kit



Biotechnology Applications in Agriculture

This kit provides teachers and students an opportunity to get “hands-on” learning experiences with one of today’s hottest topics—biotechnology. The kit contains all the materials needed to conduct each activity of the kit. A teacher’s guide outlines each lesson and activity, and correlates the lessons with Illinois Learning Standards in Science, Social Studies, English and Language Arts, and Mathematics. This kit contains a CD-ROM (can be purchased separately) with multiple PowerPoint presentations.

AK-12 Agriscience Kit (includes CD-ROM) \$281.00



Biotechnology Applications in Agriculture CD-ROM, version 1.1

This revised CD-ROM includes 10 Microsoft PowerPoint presentations illustrating the applications of biotechnology in agriculture. It contains a copy of the 67-page activity guide as a Microsoft Word document and in Adobe Acrobat pdf format. The directions for conducting an electrophoresis lab activity are provided using PowerPoint to demonstrate the lab procedures and illustrate the anticipated results. Copies of the pretest, posttest and keys are included along with the activity sheet masters and

keys to activity sheets. Bundled on the CD-ROM is a useful readme file and the free Acrobat Reader program. Designed for grades 7 to 10.

AK-12.3 CD-ROM..... \$35.00

AgriLearning

AgriLearning Kits (appropriate for grades K to 6)



Pondering Pizza: A Slice of Agriculture

First in a series of agriLearning kits designed to reinforce language arts, reading, mathematics, social science, and agriculture for grades K to 6. Pondering Pizza provides a unique way to learn about food, plants, and animals. By looking at a slice of pizza, users will learn how all the ingredients begin on farms, are processed, distributed, and made into a tasty meal. Students will explore Planet Pizza via video and visit a real “pizza farm.” Includes a pizza fractions game and many other resources.

AK-13 AgriLearning Kit \$279.00

AK-13.2 Teacher's Guide Only \$42.00



Dairy Cow Capers: Exploring Dairy Farming and Nutrition

Explore dairy farming in action. Through videos and books, experience the life of dairy cows on the farm and see a veterinarian at work. Follow the path milk takes as it travels from cow to you. Learn about the nutritional value of dairy products and try your hand at making butter. This kit may be used alone or as a perfect supplement to agriscience kit AK-07 *Dairy Delights—Good Nutrition from Milk*. Activities can accommodate up to 30 students.

AK-14 AgriLearning Kit\$215.00

AK-14.2 Teacher's Guide Only\$54.00



Getting to the Core: Apples and Orchards

How do apples grow? Where do all the varieties of apples come from? Learn the answers to these questions and more. Take an inside look at apples and their history. *Getting to the Core: Apples and Orchards* includes hands-on activities and games, things to make and things to eat, videos, posters, and books.

AK-15 AgriLearning Kit \$281.00

AK-15.2 Teacher's Guide Only\$48.00



 **Eggsploring Poultry:
Cracking the Egg**

Crack the mystery of eggs and see a miracle in 21 days! Eggsploring Poultry is filled with books on embryology, videos, poultry facts, games and other hands-on activities.

- AK-17 AgriLearning Kit\$217.50
- AK-17.2 Teacher's Guide Only
.....\$36.00



 **Pumpkin Patch: A Vine
Through Time**

Discover the wonders of pumpkins. Watch tiny seeds grow into several varieties of pumpkins in a time-lapse video and learn how to prepare the soil for next year's crop. The Pumpkin Patch contains posters, books, hands-on activities, recipes, and fascinating pumpkin facts.

- AK-18 AgriLearning Kit\$233.00
- AK-18.2 Teacher's Guide Only
.....\$42.00



 **Feedstuff Education**

Feedstuff Education Kit is designed to assist in the instruction of feeds and animal nutrition. This instructional material includes 27 commonly used feed ingredients and 6 processed feeds packaged in protective plastic jars.

The kit includes an instructor's CD-ROM. The CD-ROM is an onscreen instructional material composed in PowerPoint. Information included on the CD-ROM is feedstuff sources, feed processing, nutritional composition, and terminology. Term quizzes, keys, and student handouts also are included.

- AK-19 Feedstuff Education Kit complete kit \$135.00
- AK-19.2 Feedstuff Education CD-ROM only \$30.00