



mAGic Kits, Horticulture Kits



Poultry mAGic

*ILAK-20

Price: \$144.00 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-20

Price: \$180.00

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.



Activity Guide, (CD-ROM Only)

AK-20.2

Price: \$30.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



Insect mAGic

*ILAK-21

Price: \$335.00 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-21

Price: \$385.50

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.



Activity Guide, (CD-ROM Only)

AK-21.2

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



Soil mAGic

*ILAK-22

Price: \$385.75 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-22

Price: \$444.00

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.



Activity Guide, (CD-ROM Only)

AK-22.2

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



Dairy mAGic

*ILAK-23

Price: \$299.75 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-23

Price: \$345.00

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.



Activity Guide, (CD-ROM Only)

AK-23.2

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



Plant mAGic

*ILAK-24

Price: \$367.50 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-24

Price: \$422.75

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.



Activity Guide, (CD-ROM Only)

AK-24.2

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



Machine mAGic

*ILAK-25

Price: \$336.50 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-25

Price: \$386.75

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.



Activity Guide, (CD-ROM Only)

AK-25.2

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.

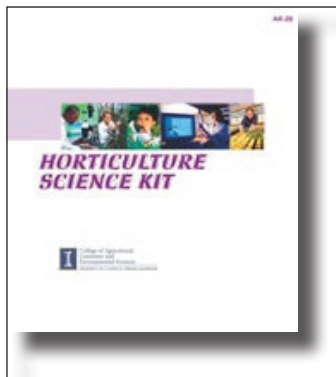
Horticulture Science Kit

*ILAK-26, Price 214.50 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK26, Price: \$247.50

What's the role of science in horticulture? The materials in this kit are designed to teach students in grades 7 to 12 about science and how it impacts today's horticulture industry.

The curriculum covers the major aspects of horticultural science. Students will become familiar with plant taxonomy, and they'll learn how to grow plants in soil and in soil-less media. They'll get introduced to plant pests and how to control them. Lab exercises help students understand plant breeding and genetics. A section is devoted to the impact of biotechnology on ornamental horticulture, and students will learn how to conduct DNA analysis to match offspring to parents.



The Horticulture Science Kit includes lesson plans, exercises, student handouts, and quizzes. Each kit is sold as a complete package with printed curriculum and a CD-ROM-version, as well as necessary components for activities and exercises. A CD-ROM with all printed materials may also be purchased separately.

AK-26.2

Horticulture Science Curriculum CD-ROM

Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.

Horticulture Careers Kit

*ILAK-27, Price: \$154.00 (Special Illinois customer price subsidized by Illinois State Board of Education).

AK-27, Price: \$177.25

This kit introduces students to the different areas of the horticulture field. Through hands-on exercises and activities, students learn about a variety of careers in horticulture, including landscape design, turf management, retail industry, marketing, and new product development.

Activities and lessons are designed to help students understand how they can apply skills and interests they already have in today's horticulture industry. The students will become familiar with the culture, terms, and responsibilities in each employment area. The materials are appropriate for students in grades 7 to 12.





AK-27.2
Horticulture Careers Curriculum CD-ROM
 Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.



AK-28
Illinois mAGic Kit
 Price: \$550.00

This kit is a multidisciplinary, all-inclusive curriculum that is designed to teach students about agriculture through active discovery. Students learn about a variety of topics ranging from the prairie landscape to the Chicago stockyards, the Lincoln-Douglas debates, and the forests of Southern Illinois.

The kit includes 8 math, 10 English language arts, 11 social studies, and 7 science lessons focused on the state of Illinois. Lessons can be selected to match your region of the state. The lessons meet Illinois State learning standards for grades 4 to 8.

The Illinois mAGic Kit is sold as a complete package that includes necessary components for each lesson, as well as a printed curriculum manual and a CD-ROM version. The CD-ROM version of the manual may also be purchased separately.



AK-28.2
Illinois mAGic Curriculum CD-ROM
 Price: \$35.00

The CD-ROM contains the printed curriculum guide as an Adobe Acrobat document.

Agriscience Kits



AK-29
Biodiesel Basics: Curriculum and Production Kit
 Price: \$499.00

Learn about biodiesel production in the context of global energy issues. This hands-on curriculum includes lesson plans and a complete starter kit to produce biodiesel in the science lab. The curriculum contains four lesson plans: introduction to energy; the need for alternative energy sources; the soybean; and biodiesel. Each lesson plan includes a PowerPoint Presentation, handouts, lab exercises, and student quizzes and keys.

The production kit includes a complete set of materials and supplies to produce 200 ml of biodiesel from raw soybean oil. Very specific instructions and clear safety guidelines are also provided. The content and materials are appropriate for high school science classes.

AK-29.2
Biodiesel Kit Refill Pack
 Price: \$40.00

The refill pack contains additional materials for the Biodiesel Basics: Curriculum and Production Kit. With a refill pack you will be able to make biodiesel six additional times.



AK-30
Plant Breeding Curriculum and Kit
 Price: \$325.00

This curriculum introduces students to the field of plant breeding through lessons, activities, and hands-on lab exercises. The curriculum contains four lessons plans, each including student handouts, activities, lab exercises, PowerPoint slides, and student exams with keys.

Lessons include: Plant Breeding Introduction, History and Practice; Reproduction in Plants; Plant Genetics; and Biotechnology. The kit comes with a printed workbook, a CD with a PDF of the workbook and PowerPoint slides, as well as most supplies needed to complete the labs.

The curriculum is appropriate for high school and junior high school students.



AK-30.2
Plant Breeding Curriculum and CD-ROM
 Price: \$199.00

Printed workbook and CD-ROM only; does not include lab supplies.



AK-19
Feedstuff Education
 Price: \$165.00 (complete kit)

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-19.2
Feedstuff Education, (CD-ROM only)
 Price: \$38.50