

Section
3

EDUCATIONAL PROJECT KITS AND MATERIALS

Please order the materials listed below through your local County Farm Bureau Administrative Manager or use the attached order form.

#224 Ag Accident Rescue Packet

This complete "how to" packet provides all the instructions needed for arranging an Ag Accident Rescue Program in your area. Instructor information, budget sheets, a sample brochure, educational resources and other materials are included in the packet.

Age: Adult

Cost: \$2.20

#225 Ag-Citing Experience Kit

Kit provides posters, quiz sheets, stamp artwork, and complete instructions for conducting an Ag-Citing Experience at your county fair. This experience is designed for students to learn about agriculture in organized tours of your county.

Age: Kindergarten–Sixth grade

Cost: \$10.00



#228 AITC Milk/ Dairy Education Kit

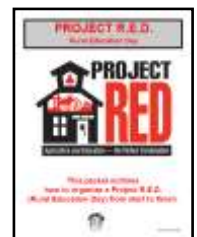
This 52-page activity guide by Cabot Cheese details dairies and the health benefits of dairy products. Students, grades K-8, will discover where their dairy products come from, how they are processed and marketed and how food nutrients impact their health. Two videos, "Beyond Bovine" and "Moo 2 You" provide information on jobs on and off the farm and why school matters. Children take a dairy adventure where they learn about milk group foods and how milk & cheese are produced.

Age: Kindergarten-Eighth grade

#230 Rural Education Day (RED)

This how-to packet outlines how to organize a Project R.E.D. (Rural Education Day) from start to finish. Included is information on stations and presenters, teacher and student packets, volunteer recruitment, sample school request letters and job descriptions as well as a sample rotation grid.

Cost: \$2.20



PLEASE NOTE: Project R.E.D. Volunteer and Teacher Brochures as well as 2' X 2' and 3' X 3" posters (apples, poultry, dairy, sheep, Michigan facts, horticulture, crops and chemicals, equine, pig, fruit, goats and bees) can be ordered directly from the P&E department at (517) 323-7000, ext. 3202.

#235 Agriculture Careers Presentation Packet

A how-to packet designed for agricultural career presentations. The packet includes sample outlines, PowerPoint presentation, comments, career chart, and an extensive career listing.

Age: Kindergarten-Twelfth grade

Cost: \$7.00

#236 AITC Lesson Plan: "The Great Fruits of West Michigan – Explore Michigan's Fruity Side"

Students take a trip with Captain Food Fabulous who will take them on an adventure along Michigan's west coast where they will learn about the variety of fruits grown in Michigan. This has an additional piece, a 16-page book that takes them on a fabulous journey.



This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit. The lesson plan or book can be purchased separately for \$4.00 each or as a set for \$6.00.

Cost: \$4.00

#238 Adopt a Classroom Packet

A packet full of activity ideas, agriculture facts, word search puzzles, coloring sheets, recipes, and much more designed for teachers and students to learn about agriculture. The packet contains information on various commodities such as beef cattle, eggs, cherries, potatoes, honey bees, sheep, etc. This is an excellent way to educate the non-farming public without lots of travel.

Age: Adult

Cost: \$4.00

#242 Michigan Agriculture and You – Can you find your piece of the puzzle?

The Resource Guide for Teachers Kindergarten – 3 is a valuable resource for teachers to help them teach about agriculture. There are five sections to the guide: Science, Math, Language Arts, Social Studies and Health. It provides hands-on activities that encourage learning and is designed to showcase the importance of Michigan Agriculture. Available in CD format only.

Cost: NC

#244 AITC Insect Lesson "Understanding Insects as Friend or Foe"

This second or third grade lesson teaches students how to use an insect key to identify bugs; how integrated pest management is used by crop producers to determine whether insects are harming food plants; and how to make their own insect trap. They also learn how farmers decide when and how to protect crops and that farmers are professionals who use crop protectants responsibly. Children learn that farmers are growing food they eat every day. This activity has three parts:



- * types of damage insects cause and how farmers control them
- * which insects are "good" and which ones are "bad"
- * students make insect traps and learn about pheromones, scouting and how farmers/growers use Integrated Pest Management to keep track of crop pest.
- * students learn how to use a key to identify insects

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#245 AITC Seed Lesson "Where Would We Be Without Seeds?"

This hands-on, 45-minute lesson teaches students that farmers must be experts to grow food and products that children use daily. It is designed for second and third grade students. The lesson includes three parts:



- * comparing seed types, including size, coverings and structure
- * learning about the parts of the seed, stages of seedling growth and plant life cycles, and uses of seeds and plants in our daily life
- * students plant seeds and keep them to observe their growth

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#246 AITC Corn Lesson "Food & Fiber Products - Helping the Environment & You"

This lesson is designed for fourth grade students. In this lesson students learn:



- * agriculture commodities are used to make environmentally safe products such as Biodegradable packing materials and soy ink
- * experience how to conduct an experiment
- * how to match raw to finished products
- * that farmers are professionals who are interested in protecting the environment

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#247 AITC Soil Lesson "Soil It's More Than Just Dirt"

This is a lesson for fifth-graders, and is a variation of the fourth-grade soil lesson. The lesson focuses on soil and its importance to plant growth. Students learn that farmers must be knowledgeable about soil and the science related to soils and plant growth. They also understand that farmers are careful to conserve and care for the soil. Students will learn:

- * soil porosity
- * how to identify different types of soil and their properties
- * conduct a soil erosion experiment



This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#248 Little Red Barn Project Packet

This packet includes everything necessary to duplicate the "Little Red Barn" moving resource library developed in Saginaw County. The packet includes a list of books and videos, construction and lesson plans, which were used by Saginaw County P&E Committee. This is a great resource for providing educational materials to elementary teachers and students all contained in a wooden barn children can play with.

Cost: \$3.00

#249 Activity Sheet Packet

Over 40 different activity sheets about various agricultural commodities, including word searches, and coloring sheets. The worksheets have been compiled from commodity groups or designed for AITC or other activities. There is something for all ages. The sheets may be reproduced and changed to fit your county needs. Great handouts for children and teachers at AITC presentations, Project RED or county fair booths.

Cost: \$5.00

#254 Faces of Agriculture Packet

This colorful folder includes a career poster as well as some additional career-centered worksheets and suggested presentation outlines.

Age: Kindergarten-twelfth grades



Cost: \$2.25

#257 Caution Left Turn - Vinyl Adhesive Sign

Reads "Caution: Machinery Makes Left Hand Turn without Warning." These signs are designed to help make traveling on the roads safer.

Cost: \$7.00

#258 AITC Soil Lesson "Soil - It's More Than Just Dirt"

This is a lesson for fourth grade students, and is a variation of the fifth grade soil lesson. The lesson focuses on soil and its importance to plant growth. Students learn that farmers must be knowledgeable about soil and the science related to soils and plant growth. They also understand that farmers are careful to conserve and care for the soil. Students will:

- * learn soil porosity
- * identify different types of soil and their properties
- * conduct a soil erosion experiment



This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#259 Farm Facts Lesson Plan Folder

The lesson plan was written by educators and draws on the Farm Facts booklet to develop skills in language arts, math, social science, science and teamwork with others.

Age: Fourth–sixth grades



Cost: \$7.00

#261 AITC Food Lesson "Foods Amazing Journey"

Fifth grade students will learn science and economics through hands-on activities. Students will pay for their crop production costs using kernels of corn. Students will make GORP (good old raisins and peanuts) working through production, transportation, processing and retail. Basic economic principles such as capital and return on investment are included.



This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

#262 AITC Water Lesson "Water: The Incredible Resource"

Fourth graders will learn the water cycle and discuss water use while participating in hands-on activities. Students will also learn how to measure parts per million while discussing water quality.

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit. Set-up trays are available through MFB for \$3.00 per tray and \$5.00 for a sleeve of cups with lids.



Cost: \$3.00

#263 AITC Cycling Back Lesson “Agriculture: Cycling Back to You”

Fifth grade students will learn science and the importance of balance within an ecosystem while reviewing the importance and interaction of the carbon cycle utilizing agriculture as an example.

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.



Cost: \$3.00

#265 AITC By-Product Lesson "Honey Bees, Chickens and Cows...Oh My!"

Second graders will learn the differences among honeybees, chicken and cows, the products they produce, and how we use these products.

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

** Additional posters, lab sheets and stickers are available through the P&E Department. (These are not Warehouse stock items and are ordered through the P&E Department at (517) 323-7000, ext. 3202)

#266 AITC By-products Lesson "Michigan Agriculture - Here, There & Everywhere”

This is a lesson plan for kindergarten students and features Michigan agriculture products. Students take a trip with Captain Food Fabulous who will help them understand the various commodities grown in the state. This lesson is an important and useful way to begin educating students about the importance of agriculture to Michigan economy. Included is a 16-page, full-color storybook that takes children on a “Great Michigan Agriculture Adventure.”



This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit. The lesson plan or book can be purchased separately for \$4.00 each or as a set for \$6.00.

Cost: \$4.00

**** Additional Michigan posters, tags and lab sheets are available through the P&E Department. (These are not Warehouse stock items and are ordered through the P&E Department at (517) 323-7000, ext. 3202)

#267 AITC By-Product Lesson “Putting it all Together...DNA and Biotechnology”

This is a lesson plan for fifth grade students who will gain a basic understanding of biotechnology and the many benefits biotechnology provides to humans and agriculture. Students construct DNA models as part of this lesson plan.

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00

****** Additional posters and lab sheets are available through the P&E Department. (These are not Warehouse stock items and are ordered through the P&E Department at (517) 323-7000, ext. 3202)



#268 AITC Lesson Plan: “Michigan Food: From Farm to You”

This is a lesson plan for fourth grade students and features Michigan agriculture products. Students will learn about the geography of Michigan including the Great Lakes as well as regions of the state where various commodities are grown. This lesson will teach about the processing of useful agricultural products and provide a better understanding of the regions in the state where these products are grown.

This lesson plan is complete with reproducible handouts and a list of materials needed to compile your own kit.

Cost: \$3.00



#298 Michigan Agriculture and You – Can you find your piece of the puzzle?

The Resource Guide for Teachers Grades K-6 is a valuable resource for teachers to help them teach about agriculture. There are five sections to the guide: Science, Math, Language Arts, Social Studies and Health. It provides hands-on activities that encourage learning and is designed to showcase the importance of Michigan Agriculture. Available in CD format.

Cost: NC