

The 2007 ND Ag in the Classroom Mini Grant Program 44 Projects Funded

Academy of Children, Fargo (funded at \$200 for curriculum and supplies) – The kindergarten class will study leaf and plant life. The students will participate in experiments with plants and leaves and study seeds.

Anne Carlsen Center for Children, Jamestown (funded at \$100) – Students at the Anne Carlsen Center will learn the importance of conserving water and using water wisely. They will collect rainwater in rain barrels to water their gardens and learn about other ways to conserve water.

Ashley Public School Library, Ashley (funded at \$300 for project materials) – The school library floor will be divided into sections for student to design farm/ranches. They will learn about conservation techniques, crops, soil, animals, and farming as an occupation. The end activity will be an Agriculture Appreciation Day involving area farmers and ranchers.

Bishop Ryan High School, Minot (funded at \$200 for materials and partial field trip) – The sixth, seventh, and eighth grade students will investigate and observe various stages of growing small grain North Dakota crops and see how durum is made into pasta. Students will also use their local newspaper to follow the markets concerning prices on crops.

Bottineau FFA, Bottineau (funded at \$200 for materials for displays) – The Bottineau will construct display cabinets with many of the common grains grown in North Dakota. The cabinets will be used by elementary teachers as a resource for teaching about North Dakota agriculture.

Bowman County 4-H Council, Bowman (funded at \$175 for curriculum) – An after-school program will serve Scranton, Bowman, and Rhame elementary schools where students will learn about aspects of agriculture.

Burleigh County Horse Judging Team, Menoken (funded at \$100 to help with cost of speaker) – On Sept. 22-23, the team will hold a horse judging clinic to educate youth on equine science and the equine industry.

Burlington/Des Lacs Elementary, Burlington (funded at \$250 towards a grain mill) – Fourth and eighth grade students will learn the importance of grains in North Dakota and will learn to make bread from wheat.

Carrington FFA, Carrington (funded at \$200 towards speakers) – Students from Harvey, Fessenden/Bowdon, New Rockford, Finley/Sharon, Jamestown, and Medina will be invited to participate in Ag Processing Career Exploration Seminar hosted by the Carrington FFA. This day will focus on the exploration of careers in the area of agricultural processing.

Central Elementary, Wahpeton (funded at \$100 for books) – Title I reading teachers will promote the importance of reading and literacy skills as a family activity for parents and struggling readers, using North Dakota agriculture as a centerpiece in which to build reading activities

Dakota Memorial School, Dakota Boys Ranch in Minot (funded at \$200 for appliances) – Students will research grains grown in North Dakota and design a school-wide bulletin board using a map of ND with location of where grains are most abundant. They will also have speakers, tours, and cooking activities, which will feature ag products.

Emmons County Soil Conservation District, Linton (funded at \$200 towards curriculum and books) – Classrooms of preschool and kindergarten students in Emmons County will experience a soil tunnel structure. They will learn how the crops, water, animals, and building structures above ground correlate to what is underneath.

Enderlin Municipal Library, Enderlin (funded at \$240 for farm safety books) – Students will learn about grains and what foods are made from grains. They will also learn about the importance of safety around grain bins, grain piles, and farm safety.

Farm and Home Improvement 4-H Club, Maddock (funded at \$100 for supplies) – The purpose of the project would be to increase awareness of durum wheat production in North Dakota and its use in healthy living. Students will learn about durum through curriculum and speakers. They will tour the Golden Plains Frozen Foods in Leeds to learn about pasta products.

Farm Safety 4 Just Kids, Mid Dakota Chapter in Bowbells (funded at \$400) – The Farm Safety 4 Just Kids Chapter will be holding an ATV Safety Class. Besides safety and laws, the class stresses being aware and considerate of the environment when riding an ATV.

Grant County 4-H Council, Carson (funded at \$400 for safety kit and first aid supplies) – A Farm Safety Day Camp will be held for fifth and sixth grade students from Grant County Junior High and Flasher Elementary. The students will rotate between eight safety sessions with safety issues such as first aid, sun, ATV, animal, tractor, PTO, chemical fire, and water safety.

TGU Granville FFA, Granville (funded at \$300 for planting supplies) – Students from the agricultural education classes will plan and plant a garden with a variety of vegetables. When harvested, the vegetables will be used in the hot lunch program with an emphasis on nutrition and balanced eating.

Griggs County Public Library, Cooperstown (funded at \$250 for nonfiction books) – A farming unit will be incorporated in the Story Hour for the library. Students from ages 4-6 will learn about the food cycle, farm animals and their young, animal products such

as milk and eggs as well as nonfood products such as wool, farm plants, nutrition, and farm life.

Hettinger County Extension Office, Mott (funded at \$100 for supplies) – The Agriculture in the Hallway Program will focus on bringing an awareness of agriculture to students in Mott, Regent, and New England. Topics covered will be where agricultural products are produced, the history of products, and how the farmer raises the product and gets it to market each growing season.

Hettinger County Extension Office, Mott (funded at \$250 towards educational displays) -- A farm safety camp will be held with fourth through sixth grade students. Students will be exposed to eight different safety sessions in a hands-on effort to let them see the dangers that are possible with each machine.

Hettinger County Extension Office, Mott (funded at \$125 towards supplies) – Charlotte Meier will visit schools to spread the word about the benefits of eating healthy. She will work with youth and adults to help them become more aware of the need for fruits, vegetables, protein, and whole grains in their diets. The presentation will also cover where foods are grown, how they are processed, and how to use nutrition labels.

Hillsboro FFA, Hillsboro (funded at \$195 towards safety supplies) – Newer safety materials and curriculum will be purchased for the junior high and high school agricultural education classes. These materials will help students learn about proper shop and tool safety.

Jamestown FFA, Jamestown (funded at \$200 for curriculum) – The Jamestown FFA Chapter will implement a Companion Animal Appreciation Program in the local elementary schools. They will teach students about the proper care and social issues of companion animals. The purpose of the project is to get young students to make wise decisions regarding pets now and as adults.

Kindred FFA, Kindred (funded at \$200 for supplies) – FFA members will work with many commodity groups such as the ND Soybean Council and the ND Wheat Commission to develop and present a Food for America Program. This program will focus on third and fourth grade students. The students will visit stations focusing on agriculture specific to North Dakota such as wheat, sugar beets, soybeans, honey, livestock byproducts, sunflowers, and barley.

Leach Public Library, Wahpeton (funded at \$125 for posters and books) – Agricultural students and instructors from ND State College of Science will bring agricultural equipment to the parking lot of the library and give tours and informational messages about the equipment to children and their families. FFA members from the Wahpeton FFA Chapter will read farm books and show posters to children describing farm machinery and buildings and their uses.

Little Flower School, Minot (funded at \$240 for gardening supplies) – The school currently has six separate gardens where they plant flowers, vegetables, and crops. This year third and fifth graders will tour a greenhouse, and fourth graders will learn about what happens to the grains once harvested. Students will start plants from seed indoors and transplant them outside next spring.

Louis L'Amour Elementary, Jamestown (funded at \$400 for supplies) – The purpose of the plant project is to expose kindergarten students to the basic concepts of plant science including germination and the differences between monocots and dicots. The students will plant seeds in the classroom and raise them inside until the spring when they are ready for outdoor transplanting.

McIntosh County Extension Service, Ashley (funded at \$250 for Farm Safety 4 Just Kids materials) – A farm safety camp will be held to educate youth about farm safety and other safety issues. Students will rotate to different safety topics and hear educators speak and participate in hands-on activities.

Mercer County Extension Service, Beulah (funded at \$250 for supplies) – The staff of the Mercer County Extension Office will visit county schools and present a project called “Bread in a Bag” with fourth grade students. Students will learn about wheat, sunflowers, and sugar beet crops grown in North Dakota and then prepare bread. During fermentation of the bread, students will play a game called, “Who Wants to be a Farmer.”

Minot Public School Foundation, Minot (funded at \$250 to partially fund transportation) – Elementary students will attend the Ag in the Classroom display at the Ag Expo in Minot. They will learn about North Dakota agriculture and then record their experiences in a journal to share.

ND FFA Foundation, Bismarck (funded at \$200 to fund awards) – The ND FFA Foundation will use the grant funds towards the Food for America Program. The purpose of the Food for America Program is to help introduce first through six-grade students to the fascinating world of agriculture and to make elementary students more aware of the world of agriculture and how it affects their daily lives. There are 77 FFA chapters in the state, and each FFA chapter has an opportunity to be a part of this program. Many schools hold more than one activity with students to educate them about ND agriculture during the year.

ND Stockmen's Association, Bismarck (funded at \$250) -- Funds will be used to fund the Carcass Merit Program at the Junior Beef Expo Field Day in Williston. The purpose of the contest is to allow juniors the opportunity to determine the carcass qualities and economic value of their market steer through ultrasound technology and marketing grids.

ND Women Involved in Farm Economics, Regent (funded at \$150 towards books) – Members of ND WIFE will host agriculture awareness days where individuals will present different commodities to elementary students. Students will rotate from station to

station to learn about seeds, the growing process, finished products, by-products, maps, and samples.

Park River Elementary School, Park River (funded at \$200 for supplies) – Kindergarten students will learn about life cycles. They will hatch baby chicks and learn about farming through a farm unit.

Parshall FCCLA, Parshall (funded at \$400 towards materials for greenhouse) – The greenhouse project will teach students that growing vegetables can improve their diet and will teach students about the connection between what they eat and from where the products come. Students will germinate seeds, plant them indoors and transplant them outside during the spring.

Parshall School, Parshall (funded at \$200 towards gardening supplies and fruit) – Joyce Waldo, the third grade teacher, will teach students about North Dakota fruits such as apples, juneberries, plums, raspberries, rhubarb, and strawberries. Students will learn history of fruit in ND with Native Americans and early settlers. They will learn about the nutritional values and even plant some rhubarb and strawberry plants.

Ransom County Extension Service, Lisbon (funded at \$250) – A farm safety day will be held for area fifth and sixth grade students. Students will be exposed to hazards around the farm and how to be safe. ATV and lawnmower safety is also covered.

Renville County Soil Conservation District, Mohall (funded at \$200 for the Mouse River Loop Envirothon) – High school students are invited to participate in the Mouse River Loop Envirothon. This event is a regional program where teams of high school students work on environmental issues. The students are tested on topics such as soils, forestry, wildlife, water, rangeland, and a changing oral environmental topic each year.

Rita Murphy Elementary Library, Bismarck (funded at \$125 towards books) – The purpose of the project will be to add books and audiovisual materials to the library which will enhance and complement the students curriculum concerning farming and agriculture.

Rolla FFA, Rolla (funded at \$250 for planting supplies) – High school students will gain knowledge on how to grow flowers and beautify the city of Rolla. Students will grow approximately 600 varieties of flowers inside until the spring where they will be transplanted outside all over Rolla.

South Heart School, South Heart (funded at \$300 for equipment) – Fifth and sixth grade students will work with high school students to learn about embryology. They will learn about eggs, the different stages of embryo development, and proper housing requirements for newly hatched chicks. Students will work together to hatch eggs.

Standing Rock/Fort Yates Community School, Fort Yates (funded at \$250 for planting supplies) – Students will plant seeds in incubators in the science labs and study

the growth patterns and development of the plants. Plants will include barley, wheat, oats, green peas, green beans, cucumber, tomato, and flowers.

Turtle Mountain Outdoor Learning Center, Bottineau (funded at \$250 for curriculum) – The center will create an outreach program that will enable the coordinator for the center to go out into classrooms and introduce various ecologic concepts through interactive, hands-on demonstrations and activities relating to various grade levels. Such concepts may include the water cycle, life cycles, photosynthesis, population studies, food chains and webs, species diversity, habitat studies as well as nature's link to food manufacturing.