

FY2003 ENVIRONMENTAL EDUCATION GRANT AWARDS
EPA REGION 6 -- AR, LA, NM, OK, TX

ARKANSAS

Organization: University of Arkansas

Award: \$20,109

Contact: Lynne Hehr

City: Fayetteville

State: AR

Telephone: (479)575-3875

Project name: Waste Not, Want Not - Environmental Issues of Waste Disposal

Description: The Waste Not, Want Not-Environmental Issues of Waste Disposal- pilot initiative will engage twenty-five regional science teachers in Arkansas during an initial 5-day workshop with 15 hours of follow-up mentoring on issues dealing with toxic and non-toxic waste disposal. The instruction and information gained during this project will allow teachers to have a potential yearly environmental education impact on 3000-3750 students. The workshops will include lectures, hands-on sessions, visits to the University of Arkansas campus and field trips to Waste Management Tontitown Landfill, a sinking creek in the Savoy Watershed, a recycling facility and a waste water treatment plant.

LOUISIANA

Organization: Teaching Responsible Earth Education

Award: \$15,755

Contact: Sue Brown

City: New Orleans

State: LA

Telephone: (504)895-2772

Project name: Earthkeepers Project: Justice through Environmental Education

Description: Two three-day outdoor environmental learning programs will be held at Jean Lafitte National Park and Preserve and Barataria Education Center for 120 students, teachers and

Award: \$8,000

Contact: Gary Hansen

City: Shreveport

State: LA

Telephone: (318)797-5041

Project name: High School Watershed Education Project

Description: Workshops will be offered at the environmental faculty at the university to demonstrate and teach scientifically sound water quality monitoring and sampling techniques, the compiling of field data and basic laboratory analyses. Field work will be conducted in the Red River Education and Research Park which is the site of cutting-edge environmental research led by Louisiana State University in Shreveport and other universities, business and industry, and city, state and federal agencies.

NEW MEXICO

Organization: Santa Fe Children's Museum

Award: \$5,000

Contact: Ellen O'Donnell

City: Santa Fe

State: TX

Telephone: (505) 989-8359

Project name: Teen Educators in Earthworks

Description: The goal of the Earthworks project is to increase environmental literacy among families in Santa Fe and northern New Mexico. On average 4,000 people participate in the museum's programs each year which integrate environmental education into the museum experience. The Earthworks projects serve as a living demonstration of how a community can solve inherent problems in land restoration while creating a context for hands-on environmental education. The museum programs are free and without registration requirements to the community.

Organization: New Mexico Department of Health

Award: \$16,374

Contact: Ron Vorhees

City: Santa Fe

State: NM

Telephone: (505)827-8880

Project name: Lead Poisoning Prevention for Expectant Teen-Aged Mothers and Their Children
Description: Teachers, school staff and health care providers across the State of New Mexico will attend workshops to learn how to teach expectant teens about the adverse effects of lead exposure before, during, and after pregnancy as well as ways to prevent lead exposure. The target audience is 880 expectant teens. Key partners in the project are the New Mexico Department of Education, the New Mexico Department of Health and high school teachers across the state.

Organization: New Mexico Environment Department

Award: \$10,000

Contact: Sandra Ely

City: Santa Fe

State: NM

Telephone: (505)955-8091

Project name: Public Outreach about Effects of Ground-Level Ozone in San Juan County
Description: The goal of the project is to teach fourth grade students the effects of ozone in San Juan County. The secondary audience is student's families and the general community. The New Mexico Environment Department will provide ozone educational activities to twenty-eight elementary schools, contacting teachers afterward to provide followup instruction on lesson plan development and support by leading students through ozone exercises showing them how ozone impacts their daily lives.

Organization: Environmental Education Association of New Mexico

Award: \$5,150

Contact: Mary Dwyer

designed to build capacity for the delivery of environmental education programs in New Mexico. The program is designed to increase the number of teachers across the state that know about natural resources and how they can integrate that information into effective classroom teaching strategies that focus on education reform.

Organization: New Mexico Office of the State Engineer

Award: \$5,000

Contact: Cheri Vogel

City: Santa Fe

State: NM

Telephone: (505)827-4272

Project name: Water Conservation Teacher Mini-Workshop

Description: The Water Conservation Teacher Mini-Workshops is designed to educate teachers about water issues in New Mexico and supply them with existing water conservation student and teacher educational materials. The Office of the State Engineer is partnering with local municipalities to host a series of ten to fifteen workshops throughout the state. Priority solicitation will be to areas hit hardest by the drought and that do not have a water education program in place. Less populated rural areas will be given the opportunity to partner with neighboring school districts in order to fill a workshop. Early elementary, middle school and high school workshops will be available.

OKLAHOMA

Organization: Tulsa County ISD #1

Award: \$20,881

Contact: Judy Fessenden

City: Tulsa

State: OK

Telephone: (918)746-8880

Project name: Remington Elementary's Center for Environmental Studies

Description: Remington Elementary Center for Environmental Studies (RECES) main focus is on interactive environmental education. The target audience is teachers, students and the general

Organization: Energy Education Partnership

Award: \$10,716

Contact: Keith Thomas

City: Tulsa

State: OK

Telephone: (405)525-3556

Project name: Impact of Coal Seam Natural Gas Exploration and Production

Description: Students and teachers in the Farmington, New Mexico area will participate in interactive lectures, visit drilling sites under construction as well as active drilling rig sites to learn about the environmental impact of coal seam natural gas exploration and production. The project's aim is to educate the community about the coal seam process and to encourage environmental understanding and careers. They will participate in the chemical analysis of drilling fluids and produced water associated with the exploration and production process. To ensure impartiality, an independent technician will lead the participants in the chemical analysis.

TEXAS

Organization: Council for Environmental Education

Award: \$16,788

Contact: Josetta Hawthorne

City: Houston

State: TX

Telephone: (713)520-1936

Project name: Adopt-A-Team WET School

Description: Urban middle school teachers in the San Antonio metropolitan area will attend a series of workshops designed to incorporate activities from the WET in the City Curriculum and Activity Guide into their curricula. Teachers and community volunteers will learn to successfully mentor student-driven water stewardship projects and develop strong networks of local organizations and businesses to provide technical and financial support to participating schools.

Organization: Central ISD

Award: \$5,000

Contact: Susan Sanders

City: Pollok

State: TX

Telephone: (936)853-2115

Project name: Teacher Training Using the Central Outdoor Classroom

Description: Kindergarten through sixth grade teachers will use the Central Outdoor Classroom to learn inquiry-based science. Environmental studies in the forest ecosystem will be taught through lessons and field experiences. Teachers will work with scientists in various fields of study and careers such as the Texas Forest Service, The Soil Conservation Service, Texas Commission on Environmental Quality, and the Texas Parks and Wildlife Service. Visiting scientists will assist in writing six field investigation units to define environmental problems, conduct research, and collect and analyze data.

Organization: Council for Environmental Education

Award: \$13,000

Contact: Joretta Hawthorne

City: Houston

State: TX

Telephone: (713)520-1936

Project name: Migratory Bird Conservation Education in Schools

Description: The Council will provide training for Houston area urban middle school teachers to implement classroom lessons and projects relating to bird conservation. Teachers will be able to integrate birds as a highly visible connection urban children have with the natural world and to incorporate important issues affecting birds into their curriculum. Both teacher and student training will explore how to plan and produce a school bird festival as well as initiate and tie-in related service learning projects involving bird conservation, biology, and migration. Schools will be encouraged to work with a variety of groups to make a school bird festival “happen” at their school.

Organization: Groves Educational Foundation

Award: \$6,000

Contact: Ianthia Fisher

City: Crockett

State: TX

Telephone: (936)544-2125

Project name: Youth, Adult & Family Development Community Based Environmental Project

Description: The Groves Educational Foundation will use several media to educate youth and adults in a low income area of Houston County about the importance of their environment. Participants will take field trips to historical sites to investigate the county's heritage, participate in community cleanups and interactive programs to learn the importance of keeping their community clean and related environmental health issues, plus participate in hands-on programs such as community gardens, pest control, and water conservation

Organization: Texas Parks and Wildlife Department

Award: \$5,060

Contact: Dave Buzan

City: Austin

State: TX

Telephone: (512)912-7013

Project name: Project for Learning Watersheds and Coastal Ecosystems

Description: Teachers in rural school districts along the Texas coast will heighten their awareness about local ecosystems through, among other tools, the use of Global Information Systems and Global Positioning Systems. Texas Parks and Wildlife Department (TPWD) has partnered with the Texas Rural Systemic Initiative to help students gain awareness of healthy rivers, streams and coastal ecosystems, and to become better stewards of watershed and coastal ecosystems. Teachers will participate in workshops, field investigations and classroom activities. They will have the opportunity to present their research via a live webcast sponsored by the TPWD.