

Announcements

Environment

Environment Mission

Fast Facts about the Corps Environment Mission

- **Protecting Water:** With stewardship over 11.7 million acres of public land, the Corps is charged with creating synergy between water resource development and the environment.
- **Plants and Animals (Ecosystems):** The Corps regulatory and environmental resources responsibilities are powerful tools in the protection of threatened and endangered species. The Corps has major environmental projects underway throughout the nation, including the Comprehensive Everglades Restoration Program, Columbia River Fish and Wildlife Mitigation, Upper Mississippi River Environmental Management Program, and Missouri River Fish and Wildlife Mitigation. Environmental, Hazardous/Toxic Waste Clean Up: The Corps is responsible for assessing and cleaning up environmental contamination left in formerly used defense sites throughout the US and overseas.
- **Environmental Cleanup:** This expertise is also used to support the clean ups performed by other federal agencies, including the Environmental Protection Agency and the Department of Energy.

Protecting Water

Title: EPA Environmental Kids Club - Water
Link: http://www.epa.gov/kids/water.htm
Subject Area: Environment
Description: EPA's Web site has separate areas for younger students, middle school/high school students, and teachers. The site contains a variety of environmental topics, ranging from air to wastes and recycling.
Title: EPA - Water: What you can do!
Link: http://www.epa.gov/water/kids/you.html
Subject Area: Environment
Description: EPA has provided links to articles and sites that focus on what you can do to protect water quality and the environment.
Title: National Ground Water Association
Link: http://www.groundwateradventurers.org/
Subject Area: Environment

Description: Water experiments and fun facts exploring the world of ground water resources. Check out the model groundwater system under "Water Experiments".

Title: Foundation for Water and Energy Education

Link: <http://www.fwee.org/>

Subject Area: Environment

Description: The Foundation for Water and Energy Education is committed to providing balanced information regarding the use of water as a renewable energy resource in the Northwest. Check out the section called "Make Your Own Hydropower." This provides a hands-on way for students to explore generating electricity with water power. This is a thematic unit geared toward seventh through ninth grade students. By constructing the model successfully, students will learn and demonstrate the principles of generating electricity. As they explore the role of hydropower, the source for over 60 percent of electrical generation in the Northwest and 10 percent nationally, students can also consider other sources of electrical generation. Which of these sources, like hydropower, is renewable? Which are growing sources of generation? Where might future sources of electrical generation come from?

Title: Environmental Learning Network Resources

Link:

http://www.naturenet.com/subject_resources.html http://www.naturenet.com/curriculum_resources.html

Subject Area: Environment

Description: This is a collection of Web sites that hold valuable resources for programs organized by subject and by curriculum. This Web site is maintained by Wisconsin Nature Centers. Find information about animals, geology and much more.

Plants and Animals (Ecosystems)

Title: EEK! (Environmental Education for Kids!) - Alien Invaders

Link: <http://www.dnr.state.wi.us/org/caer/ce/eeek/earth/aliens.htm>

Subject Area: Environment

Description: The aliens have landed in Wisconsin! You may see them and not even know they are aliens. These invaders are actually exotic plants and animals that have been introduced from other countries or habitats on purpose or by accident. See photographs and information about some of the new species that have found their way into the United States.

Title: Exploring Estuaries

Link: <http://www.epa.gov/owow/estuaries/kids/index.htm>

Subject Area: Environment

Description: This Web site is set up by the Environmental Protection Agency's Office of Wetlands, Oceans, and Watersheds. This site provides a wealth of introductory information about estuaries. It offers interactive games and activities as well as hands-on tours of specific estuaries around the country. A glossary page defines technical terms used throughout the site. Resources also are provided for teachers and students interested in learning more about related organizations, publications and Web sites.

Title: FirstGov for Kids
Link: http://www.kids.gov/k_plants.htm
Subject Area: Environment
Description: What is more amazing than a talking dog? A spelling bee! Now that you got a good laugh find out more about interesting plants and animals. This Web site contains puzzles, quizzes and lots of links to information about plants, animals, and much more.
Title: Bats for Kids (2 fun websites)
Link: http://members.aol.com/bats4kids/ http://www.cdli.ca/CITE/bats.htm
Subject Area: Environment
Description: These Web sites are designed for all children and created with the hope that people will like, respect and help protect these endangered species. This site has some great games for kids about bats.
Title: Animal Crafts
Link: http://www.enchantedlearning.com/crafts/animals/
Subject Area: Environment
Description: This site has craft activities that may complement programs about animals and ecosystems.
Title: Animal Diversity
Link: http://animaldiversity.ummz.umich.edu/site/index.html
Subject Area: Environment
Description: Animal Diversity Web (ADW) is an online database of animal natural history, distribution, classification and conservation biology at the University of Michigan. Animal Diversity Web has: <ul style="list-style-type: none">· Thousands of species accounts about individual animal species. These may include text, pictures of living animals, photographs and movies of specimens, and/or recordings of sounds. Students write the text of these accounts and the University of Michigan cannot guarantee their accuracy.· Descriptions of levels of organization above the species level, especially phyla, classes, and in some cases, orders and families. Hundreds of hyperlinked pages and images illustrate the traits and general biology of these groups. Professional biologists prepared this part.
Title: BioKids
Link: http://www.biokids.umich.edu/
Subject Area: Environment
Description: The mission of the BioKIDS project is to create innovative, inquiry-based K-12 science curricula that utilize current technologies such as CD-ROMs, PDAs and the World Wide Web for interactive study. Students, teachers, parents and scientists can participate from classrooms, homes, after-school programs or other educational settings.

Title: Curriculum Programs

Link: Project Wet - watersheds, <http://www.projectwet.org/>

Project Learning Tree - forests, <http://www.plt.org/>

Project wild - animals, <http://www.projectwild.org/>

Subject Area: Environment

Description: These are curriculum programs set up to partner with what teachers are already doing in schools. Must be a facilitator in order to acquire the guides, but some samples of programs are available on Web sites.

Environmental Cleanup

Title: Planet Protectors Club for Kids

Link: <http://www.epa.gov/epaoswer/osw/kids/index.htm>

Subject Area: Environment

Description: As a planet protector, your mission is to improve the world around you by making less trash. Planet protectors also help other people learn to reduce, reuse and recycle. To carry out this mission, check out the fun activities and games in the Web site. The more you learn about reducing wastes and saving resources, the better you become at carrying out the planet protector goals.

Title: EPA Student Center - Human Health

Link: <http://www.epa.gov/region5/students/health.htm>

Subject Area: Environment

Description: EPA's site presents human health information in terms accessible to children and offers a variety of topics ranging from chemicals in the home to roaches. Links to other environmental areas and agencies help introduce students to the broad range of topics that are referred to as "environmental."

Title: U.S. Geological Survey's Science Resources For Primary Grades (K-6)

Link: <http://www.usgs.gov/themes/envirom.html>

Subject Area: Environment

Description: This Web site contains selected USGS educational resources that may be useful to educators in primary school grades (Kindergarten to Grade 6). Many of these resources can be used directly in the classroom or will be useful in classroom lessons or demonstration activities preparation, or as resources for teacher education and curriculum development.

Title: U.S. Geological Survey's Science Resources For Secondary Grades Middle School and High School

Link: <http://education.usgs.gov/common/secondary.htm>

Subject Area: Environment

Description: This Web site contains selected USGS educational resources that may be useful to educators in secondary school grades (grades7 to 12). Many of these resources can be used directly in the classroom or will be useful in classroom lessons or demonstration activities preparation, or as resources for teacher education and curriculum development.

Title: U.S. Geological Survey Environment - a link to scientific information and articles

Link: <http://www.usgs.gov/themes/envIRON.html>

Subject Area: Environment

Description: Our nation's environment - the air, water, soil, and plant and animal life -- is constantly changing as natural processes and human actions affect it. USGS scientists study natural physical, chemical, and biological processes, and the results of human actions. For information on chemical spills and toxics in the environment, please see the USGS Environment theme page.

Title: Household Hazardous Wastes - A Guide for Citizens

Link: <http://www.fema.gov/kids/househazmat.htm>

Subject Area: Environment

Description: Most households are dependent on the daily use of chemical products in their homes. But these chemicals pose hazards if misused -- and if not safeguarded from children. The Federal Emergency Management Agency now has a Web-based safety program focused on reducing the number of deaths and injuries in the home. You can reach this on-line independent study course by going to: <http://training.fema.gov/emiweb/is/is55.asp>. The course will teach you basic chemical and physical properties, specifics about the hazards of cleaning products, gasoline, medical supplies, pesticides and more, and proper disposal methods and preventive measures to take before natural disasters occur. A certificate is offered if you pass the final exam with a 75 percent or better. It will take from one to three hours to complete all the units and the final exam.

Point of Contact: Patricia Graesser

Phone: 206-764-3760

Email: Patricia.C.Graesser@usace.army.mil