

Projects/Programs

Grades 6-12

[Global Explorers](#)

This program offers educational international immersion experiences for middle and high school students and their teachers. With an emphasis on science, culture, leadership and service, students learn about and visit the Amazon, Oaxaca, the Yucatan, Baja California, Tanzania or the Arctic. Preparatory curriculum and required follow-up service projects are provided as a part of the program.

[Teens for Planet Earth](#)

Teens for Planet Earth (TPE) is a program that was formed by the Wildlife Conservation Society to help bridge educational efforts and young individuals across the country. This program started at the Bronx Zoo and has had significant success integrating education and conservation. Interested teens can become involved in service learning projects, educational initiatives and other environmental concerns. To learn more about this program and to become involved in your area, visit the link provided above.

[Year of the Frog Awareness Program](#)

Did you know that over 1/3 of Amphibians are endangered animals? The Amphibian Project seeks to resonate within classrooms and inform students and teachers alike about the challenges that these animals face today. The Amphibian Project is celebrating 2008 as the year of the frog and joins all students and adults across the country to join in. To learn more, follow the link provided above.

[Pathfinder Science Ozone Project](#)

Each fall students from all over the country participate in the Pathfinder Science research area, exploring ground-level ozone. Ozone is a toxic gas, which is formed by a reaction between air pollutants and sunlight. This research area is design for upper elementary through high school age students with two easy to follow, network-wide, standardized protocols are offered.

[Racerocks.com](#)

This site offers an opportunity to observe the ecosystem of Race Rocks Island, a marine protected area near Victoria, British Columbia, which is maintained by the faculty and students at Lester B. Pearson College of the Pacific. Various projects are presented and viewers are granted a unique perspective on an untouched preserve through the use of web video and daily log updates.

[Save the Rainforest Class Trips](#)

Central and South America- Engage your students in the ultimate environmental education adventure. Experience the outdoor classroom of the tropical rainforests. Save The Rainforest is run by teachers whose nonprofit status allows them the opportunity to make the all-inclusive trips very affordable. Teachers who lead a trip will travel free.

[Virtual Field Trips Database](#)

University of Texas Library collection of virtual field trips and guides throughout the United States and Canada. Developed as course components, the sites contain local geological or earth science information and include links to downloadable versions of published paper texts.

[Water Quality Field Trips](#)

An opportunity for middle and high school students to study Lake Superior and connecting waters aboard a research vessel! Class excursions aboard the Agassiz are now available to middle and high school students, providing an opportunity for a hands-on, guided experience in scientific

investigations. An afternoon aboard the Agassiz can help enhance student interest in science and math and open the door to exciting career opportunities.

[World Wide Biome Project](#)

This project is designed to have students learn about ecosystems in their locale and share their findings with students from around the world through the internet. The prime focus of the site is to have students/classes do an evaluation of a habitat in their biome and send the data in to the World Wide Biome Project. Their data is converted into a series of web pages for them.

[Water on the Go! Programs](#)

The Cranbrook Institute of Science and DTE Energy Foundation have developed an exciting new program on Great Lakes Watershed Education for 5th, 6th, & 7th grade students through the Institute's Water on the Go! educational outreach program. Program topics include water conservation, water quality and groundwater pollution. Water on the Go! Programs are available to communities across the lower peninsula of Michigan, including Metro Detroit, Lansing, Grand Rapids, Traverse City, Saginaw, Midland, and more. For more information or to book a program, call (248) 645-3008 or email water@cranbrook.edu.

College Level

[Education Programs at EarthWatch Institute](#)

Find out how to join teams of conservation researchers around the world on expeditions from 1-3 weeks long. Also discover lesson plans and web sites developed by past teacher volunteers while they were in the field. Funding is available for students (16+) and educators.

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All Ages

Nano-Link in Michigan

Lansing Community College (LCC) is proud to announce the creation of Nano-Link, a National Science Foundation-sponsored Regional Center for Nanotechnology Education. Nano-Link has as its goal the dissemination of curriculum related to nanotechnology for secondary and higher education in the Upper Midwest region. As Nano-link develops, it will serve as a hub linking educators who want to bring nanotechnology learning to their schools, whether for workforce development, curriculum enrichment, or to establish new courses, certificates or degree programs. Nano-link will also help support professional education of educators in nanotechnology. LCC is excited to be a part of this effort to bring this new and amazing science to Michigan educators. They invite you to join them on this journey. For further information, please contact: Thomas L Deits at deitst@email.lcc.edu or Christel Marschall at marshc@email.lcc.edu.

[Classroom Earth](#)

This new website will help educators, after-school providers and home-schooling parents to get started or improve their skills in environmental education. It provides up-to-date information on the most well-tested and effective national environmental education programs available today.

[Earth 911](#)

Earth 911 is a public and private sector partnership operated by E2C, Engaging & Empowering Citizenship, which provides the public with free "call-to-action" awareness programs. Through Earth 911, environmental information and resources are offered by thousands of local authorities and made available to all communities and citizens of all ages throughout North America. Includes thousands of tips and resources to educate children or adults!

[The Leopold Education Project](#)

The Leopold Education Project (LEP) is an innovative, interdisciplinary, critical thinking, conservation and environmental education *curriculum* based on the classic writings of the renowned conservationist, Aldo Leopold. The Leopold Education Project teaches the public about humanity's ties to the natural environment in the effort to conserve and protect the earth's natural resources. Teachers can obtain the LEP teacher's guide, *Lessons in a Land Ethic*, by attending either an educator or facilitator workshop. You will experience the hands-on minds-on techniques of teaching about the natural world and learn how Aldo Leopold's conservation classic, ***A Sand County Almanac***, can successfully be used in a variety of educational settings to stimulate critical thinking and promote responsible decision making regarding our impacts on ecosystems. To learn more about the project, contact the Michigan LEP coordinator: Wendy Cheek, Leopold Education Project, 3483 144th Avenue, Dorr, MI 49323. Telephone (616) 688-5172. Email: wcheek@drenthe.net

[Outside My Window](#)

This is a project started by an international relations educator at Evergreen Valley High School in California. This project is designed to help students connect with other people around the world by exchanging photos taken through the windows of their houses and classrooms. Submit a picture taken from your window, and show the world the beautiful environment that surrounds us!

[Birds of Prey in Your Classroom](#)

Are you looking for an exciting way to demonstrate natural science concepts like adaptation, classification, predator /prey relationships and much more? Invite the RAPTORS from the Leslie Science and Nature Center in Ann Arbor, into your classroom. Three different programs bring live raptors or owls to your students to provide a hands-on learning experience that is sure to be memorable.

[Waste Free Lunches-](#)

Our aim is to provide you with all the information you need to participate in (or to start!) a waste-free lunch program at your school or place of employment. The site includes stories and tips on reducing waste and eating healthier foods.

[Watershed Action](#)

Watershed protection involves everyone in a community. This website is meant to educate all members of this community and let people know what they can do to get involved.