

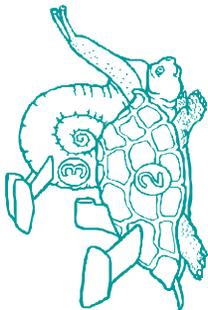
Fall/Winter
2011/2012



FRANKLIN SOIL AND WATER CONSERVATION DISTRICT

SWIFT

Soil and Water Information for Teachers



Spotlight on Resources:



Protecting your Watershed

A watershed is all of the land area that drains to a body of water. The quality of water in that local waterway is definitely impacted by human interaction. Lawn chemicals, litter, road salt, and pet waste wash into our creeks and streams with a heavy rain. A major source of water pollution and a direct connection to our local rivers are the storm drains along our urban streets. A focus of many water quality organizations is educating the public about storm drain systems.



Columbus Department of Public Utilities

Storm Drain Marker Program

Are you interested in protecting our natural resources? If so, you may want to participate in the City of Columbus Department of Public Utilities' "No Dumping, Drains to Rivers" storm drain marking project. Volunteers are needed to apply vinyl markers on curbs near storm drain inlets. The project is part of the "We All Live Downstream" water pollution prevention public education program. By participating, you can help raise awareness that dumping hazardous waste into storm drains contributes to water pollution and endangers wildlife.

The project is self-guided using volunteers and may be done by an individual or a group. You choose when to do it and the area to mark, which must be within Columbus.* The Division of Sewerage and Drainage provides the disks, adhesive and instructions. The markers can only be applied during dry weather with temperatures above 45 degrees, including the overnight temperature. We recommend choosing a Columbus area that is pedestrian-friendly in a residential area near schools, parks and libraries. There is no need for volunteers to be in the street or to obtain a street occupancy permit as the project can be done from the sidewalk. For safety reasons, adult supervision is recommended for children. After your project is finished, we request that you return a report form to us and return any unused materials.

If interested, [please complete request form and return via mail](#) or [submit the form online](#). To determine how many drain markers to request, look at your chosen area on a Franklin County Engineer's Office map and estimate about 2-4 per intersection. The Columbus areas on the Franklin County map are shown in yellow. You will be notified when your drain marking kit is ready. The pick-up location is the Columbus Utilities Complex, 910 Dublin Rd., just west of the downtown post office. The offices are open Monday - Friday between 8:00 AM - 5:00 PM. Small quantity requests can be mailed but larger ones will need to be picked up. Please call (614) 645-2926 with any questions or check the website at: <http://Columbus.utilities.gov>, and click on water protection. Thank you for your interest in the program.

** If you are interested in marking drains outside Columbus limits, please contact that government jurisdiction's office.*

Leave your mark today and protect your water for the future.



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To learn more about how to protect your watershed, visit Franklin Soil and Water Conservation District on Face Book ,Twitter or by visiting www.franklinswcd.org.



Fun Projects and Places to Visit

*Save
the Date!*

Diego at COSI!
December 31, 2011



Exclusive COSI Member Meet & Greet (10am—12pm)

General Public Meet & Greet (12:30pm-4pm)

Free with COSI admission. Free timed tickets will be issued on a first-come, first serve basis. Limited quantity available. Please consider arriving early to secure a ticket to meet Diego.

Embark on an active adventure in the enchanting world of Dora the Explorer, her animal-rescuing cousin Diego, and their friends. Explore Isa's Flower Garden, help Tico gather nuts, join the Pirate Piggie's crew to divide up the pirate treasure, and help baby animals in the Rainforest Maze, at COSI until January 8, 2012



The Waste Not Center unleashes creativity through recycling. The center receives donations from businesses of usable but no-longer-wanted items. They make them available to teachers, artists, and non-profit organizations who pay a small annual membership fee. Mem-

bers may return to the center throughout the year and take away whatever they want with no additional fees. To learn more about the Waste Not Center or to become a member, contact the Waste Not Center at 2830B Fisher Road, Columbus, Ohio 43204 or www.wastenotcenter.org



Canoe Creation - A Mobile Ecology Education camp. The River is our Classroom. Exploration and Education on Ohio Valley waterways and Hands On Eco-learning. We bring canoes to a river near you as well as staff and equipment.

Canoe Creation is offering Christian Field Ecology classes in the Zanesville area. If you are interested in these programs contact us at canoecreation@netzero.net or call 740-674-4403.



Stratford Ecological Center's Programs



Stratford Ecological Center offers a variety of education programs. **Farm and field trips** are 1-4 hour adventures of discovery around the farm, forest, fields and wetlands, suitable for all grade levels. Contact April Hoy, Field Trip Coordinator at secearthshare@aol.com to reserve a Tuesday, Wednesday or Thursday morning program.

Sunship Earth is a 5th grade program that addresses 80% of the state's science standards through an engaging and unforgettable week of day-programs. This can be the foundation to your annual science curriculum. Contact Christa Hein, Education Director, at treebing@aol.com for more information or to schedule a presentation of the program at your location.

Upcoming Events for Educators



Helping Teachers Link Their Students to the Environment

A series of science based workshops for educators of all types held at the nature center of High Banks Metro Park on Route 23 just north of I 270, except Science Through Stories on February 4th will be held at Spring Hollow Lodge, adjacent to Metro Parks District Headquarters. Taking any 2 qualifies for 1 semester hour of Ashland University credit with an additional fee and assignment.

Wild About Resources on Saturday, January 21, 2012, 8:30 am – 4:00 pm

Participants will experience a combination of interdisciplinary hands-on activities focusing on wildlife, ecosystems, interdependence and human impact on the environment. Sources for these and related activities will be discussed. Activities for grades K-12. Registration fee is \$15.



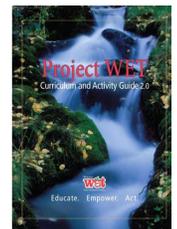
Science Through Stories on Sat., February 4, 2012 (at Spring Hollow) 8:30– 4:00



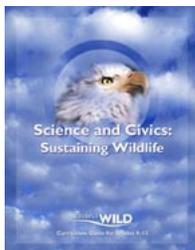
Many children's stories have a good environmental message. Learn how to use literature as a basis for exploring and explaining different environmental topics. Participants will receive book and activity ideas on a variety of environmental topics. Geared for grades preK – 5. Registration fee \$20.

Project WET, Generation 2.0 on Saturday, February 25, 2012 8:30 am – 4:00 pm

Experience and receive the **new** edition of Project WET: Water Education for Teachers. Now in full color, Guide 2.0 offers new activities on topics such as National Parks and storm water. This resource guide contains teacher-tested and classroom ready interdisciplinary activities developed to engage students in a better understanding of water as a resource, a habitat and a source of life. Guide 2.0 includes dozens of new activities, updates of many original activities and extensive literature connections. Activities for grades K-12. Registration fee is \$25.



Project WILD's Science and Civics: Sustaining Wildlife, Saturday, May 5, 2012 8:30 – 4:00



Designed to serve as a guide for involving students in environmental action projects aimed at benefitting the local wildlife found in a community, this curriculum can help teachers effectively meet state science and social studies standards. It is also designed to involve young people in decisions affecting people, wildlife, and the habitat they share in their community through the development and implementation of a Service Learning Project. Geared for grades 9-12. The registration fee is \$10, materials are provided by ODNR: Division of Wildlife.



For more information or to register contact:

Linda at the Franklin SWCD, (614) 486-9613, ext. 115 or Linda-pettit@franklinswcd.org

Sponsored by:



UNIVERSITY OF MISSOURI

December: Universal Human Rights Month

December 15: National Care and Share Day

December 17: Wright Brothers Day



January: National Soup Month, National Hobby Month

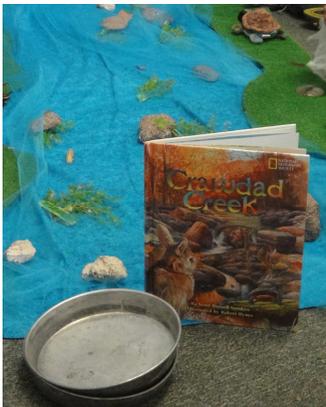
January 10: National Clean Off your Desk Day

January 15: Elementary School Teacher's Day

January 23: Handwriting Day



Hold the Date: Wednesday October 3, 2012 for EcoSummit 2012. EcoSummit 2012 will bring together the world's most respected minds in ecological science to discuss restoring the planet's ecosystems. On October 3rd, school groups will be invited to tour the EcoExperience exhibit hall. We will bring you additional opportunities as they are finalized. The conference web site is www.ecosummit2012.org.



Introducing “Crawdad Creek”

Franklin Soil and Water’s newest educational program

Students sit around the stream as they listen to the story Crawdad Creek by Scott Russell Sanders. The children in this story explore a creek looking for treasure. Each student adds something that the children in the story discover as they explore the creek that runs through their backyard. A discussion about habitats, the needs of all animals for survival, different types of animals and the importance of clean water for a healthy habitat follows the reading of the story. Correlates with Life Sciences standards for K.5, K.6, 1.1, 2.1, 2.2, 2.6, 3.2, 3.6, and 5.4

Calling all High School Environmental Classes and Clubs—it is time to sign up Envirothon teams for the spring contest. The Envirothon is an outdoor competition where teams of high school students are tested on their knowledge of aquatic ecology, forestry, soils, wildlife and current environmental issues. This year’s environmental issue is “Nonpoint pollution/low impact development”. The area competition will be held at Slate Run Metro Park on May 9, 2012. We are matching local teams with professional organizations that are interested in sponsoring and preparing the students. Contact Linda for more information at Linda-pettit@franklinswcd.org

District programs and services are offered on a non-discriminatory basis.

FRANKLIN SOIL AND WATER CONSERVATION DISTRICT --- A Federal/State/Local partnership funded by: Franklin County Commissioners; State of Ohio; Columbus; Gahanna; Hilliard; Reynoldsburg; Upper Arlington; Westerville; Worthington; Villages of Canal Winchester, New Albany and Obetz; Blendon, Brown, Franklin, Hamilton, Jackson, Jefferson, Madison, Norwich, Plain, Pleasant and Prairie Townships; The Nature Conservancy; Columbus and Franklin County Metro Parks; Darby Creek Association; Franklin County Board of Health, Engineer, Sanitary Engineer and Development Dept.; Ohio Environmental Education Fund; Clean Ohio Fund; Nature Work; and resource assistance from the Natural Resources Conservation Service and the Ohio Department of Natural Resources.