

Summer

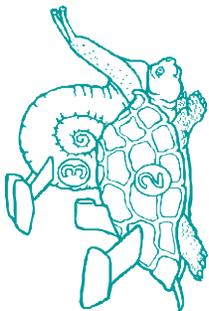
2010



FRANKLIN SOIL AND WATER CONSERVATION DISTRICT

SWIFT

Soil and Water Information for Teachers



Spotlight on Resources: Conservation Habits = Healthy Habitats



Conservation of our natural resources is important in every community, and can bring together people looking to participate and lead others. **Conservation habits** can help conserve water, increase food supply and provide shelter for animals, birds and insects. By working to improve our environment, everyone can develop good habits that will last a lifetime and also inspire others around them.

Each of us can be good stewards of our natural resources at our home and in our communities. When we think about protecting and managing our natural resources we can provide **healthy habitats** for the ecosystems on our planet. Each of us can make a difference by starting in our own backyard, our school or in our community.

Conservation: the careful management of the environment and our natural resources.

Habit: something we do frequently or automatically, and can be difficult to stop.

Healthy: a flourishing condition, a sense of well being.

Habitat: the place where something - plant, animal or other small organism - lives because it is adapted to find food, water, shelter, air and space there.

When the land does well for its owner, and the owner does well by his land—when both end up better by reason of their partnership—then we have conservation. - *Aldo Leopold*

Do Your Part!

People can...

- ...add a bird bath or other water source for animals.
- ...plant native flowers, trees, shrubs and plants with food sources like berries, nuts or fruit.
- ...let a corner or strip of the yard or playground grow naturally to provide shelter and food for wildlife.
- ...plant grass or ground cover on a bare patch of soil where erosion has occurred.
- ...install or build a rain barrel to collect rainwater.
- ...consider pervious or porous concrete when installing sidewalks.
- ...recycle materials so that habitats don't have to be destroyed for additional landfill space.
- ...volunteer to plant trees or develop habitat areas in our communities.
- ...protect natural resources around the community from contamination.
- ...do a lot!

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- * For more information on backyard conservation visit www.franklinswcd.org—programs and services—backyard assistance.
- * For more information about rain gardens go to www.centralohioraingardens.org.



Fun Stuff

Congratulations Envirothon Teams



Fifty-eight teams from central and southern Ohio competed at the Area 5 Envirothon Competition on Tuesday, April 27th. This competition, sponsored by the Ohio Federation of Soil and Water Conservation

Districts, challenges students in the areas of aquatic ecology, current environmental issues, forestry, soils and wildlife. Franklin County will be represented by Bexley Lions at the State Competition for the second time in two years. Congratulations to them on a great showing!! If you are interested in learning more about this high school competition, visit www.envirothon.org or contact Linda Pettit at Franklin Soil and Water, (614)



Congratulations Poster Contest winners

Once again Franklin Soil and Water has teamed up with Oakland Nurseries to sponsor a Conservation Poster Contest. The theme of the contest this year was "Conservation Habits = Healthy Habitats" focusing on simple ways to turn your backyard and school yard into a healthy habitat. Twenty schools participated, involving approximately 1700 students in grades K-12. The students created their posters on the back side of previously used paper. Great job to all those who participated and thank you to Oakland Nurseries and the teachers who made this year's contest a success.



Canoe Creations River Experiences

Alternative Outdoor Education Camps



Canoe Creation is a local mobile camp that travels to schools in the Ohio Valley to conduct its non-profit programs on nearby rivers and wild areas. Camps are supplied with materials and equipment and field biologist instructors that can do everything that other environmental education camps can do except provide overnight/dining facilities. Canoe Creation can center camps on school grounds, parks, rivers, or private lands near the school location. Day groups of 60 or multiple days are available for the summer and fall. Contact Canoe Creation for a proposal to share with your school administrators: 740-674-4403 or email us at canoecreation@netzero.net

The Columbus Department of Public Utilities



DOES YOUR CLASS NEED A COMMUNITY SERVICE PROJECT? TRY STORM DRAIN MARKING!

Help raise awareness on water pollution prevention by participating in the City of Columbus "No Dumping, Drains to Rivers" storm drain marking project. Volunteers are needed to apply vinyl disks on curbs near storm drains. The markers are designed to remind residents to never dump hazardous materials into these inlets, which drain to streams and rivers. They also bear the phone number to report suspected hazardous dumping into a storm drain or waterway in Columbus, which is 645-STREAM (7873). The project is part of the Department of Public Utilities' "We All Live Downstream" public education program. It is a very easy community service activity that can be done by your class. The city supplies the disks, adhesive and instructions. You can choose the neighborhood in which to place the markers, which must be within Columbus. For more information, please call 645-2926 to request an information packet to be mailed or visit <http://utilities.columbus.gov> for more information. To obtain markers to do a project in another jurisdiction outside of Columbus, please contact that jurisdiction's public service or utilities department.

Family Camp Weekends at The WILDS

June 25-27 -July 23-25 Aug 20-22

Summer camp for the entire family! Adults, too, can now experience life at the Wilds' yurt education camp, muckin' in the marsh, fishing backcountry lakes, rappelling, canoeing, wildlife watching, Safari tours, and all the fun learning opportunities of WildeCamp!

Lodging in the Wilds' yurt Conservation Education Camp. (Your family will be housed together, co-ed, in the same yurt, and it is possible you may share a yurt with another family if camp registration is full.)

Arrival 6 p.m. Friday; departure 1 p.m. Sunday.

Meals included: Friday evening snacks; Saturday breakfast, lunch, dinner; Sunday breakfast.

\$150 Adults \$125 Age 12 and under

Pre-registration and pre-payment required.

740-638-5030 x2286 or reservations@thewilds.org

REGISTRATION DEADLINE: TWO WEEKS

PRIOR TO THE FIRST DAY OF CAMP (i.e.

Registration Deadline for June 19-21 camp is Friday, June 5).



Upcoming Events for Educators



Metro Parks Summer Courses for Educators

Summer Teacher Workshops at Metro Parks

Metro Parks will offer workshops that support Academic Content Standards and process skills for several age groups. Workshops are conducted by various state and local agencies and school district representatives and are presented at a Metro Park or other Central Ohio Agency site. Teachers work mostly in an outdoor setting to find ways to develop meaningful field trips and classroom and hands-on activities with little or no classroom funding. Workshops and Dates: Getting the Dirt on Rocks, Minerals and Soil June 22 & 23, \$50 Teaching Nature Through the Senses June 29 & 30, \$50 Highlighting PE Standards in the Outdoors July 14 & 15, \$50 Diversity and Interdependence July 20 & 21, \$50 One semester hour of credit will be offered through Ashland University for each 2-day workshop completed. Registration for credit is separate and can be done at the workshop. For more information about the workshop, please contact Susan Boggs at 614.895.6211 or sboggs@metroparks.net.



Columbus Zoo and Aquarium Teacher Workshops

Animal Adaptations and Behavior

The Columbus Zoo and Ashland University are working together to create this unique professional development experience! This workshop will explore the ways plants and animals survive in a variety of habitats. Interdisciplinary classroom activities, guest speakers and Zoo tours will provide content knowledge as well as hands-on ways to explore adaptations with your students. Participants must be prepared for the weather and are expected to walk short distances. Although the workshop is designed for elementary teachers, all are welcome to attend. A boxed lunch will be provided both days of the workshop. Endangered Species and Conservation July 19 and 20, 2010 8:30 AM - 4:00 PM \$100 per participant (additional fee of \$172.00 for Ashland University credit). For more information call (614) 724-3578 or email teacher@columbuszoo.org Exploring Adaptations and Behavior June 24 and 25, 2010 8:30 AM - 4:00 PM \$100 per participant (additional fee of \$172.00 for Ashland University credit)



The Ohio Farm Bureau Federation

Interested in earning a certificate of contact hours while learning how to grow your own food and go green? Teachers are invited to join Our Ohio and Ohio Farm Bureau for our Grow and Know event, "Growing Your Own Food and Going Green," June 5 at Franklin Park Conservatory. Learn how to grow and preserve food and how to enjoy local foods this season no matter how much space you have — whether a backyard or back patio. You'll also hear new techniques to be more green!

<http://ouohio.org/resources/grow-and-know/grow-your-own-food/>

ATTENTION! SCIENCE, VO-AG, AND TEACHERS OF ALL GRADES 6th Annual TEACHER FIELD DAYS: OHIO'S THRIVING FOREST INDUSTRY/PLT

Please join us for two days in the woods Wednesday, June 16 and Thursday, June 17, 2010

(9 a.m. to 4 p.m.) at beautiful Tar Hollow State Forest. "Forestry on Ohio's Public Lands" is being offered by the ODNR Division of Forestry to provide useful information for your students. Come learn more about trees, forests, plants, land management, conservation, and Ohio's renewable natural resource. **The variety and economic importance of well managed forests featuring a sawmill tour** is Wednesday, and a **Project Learning Tree** educator certification workshop is offered Thursday. You can attend *one or both* days. **Graduate credit through Ohio University** is available for your purchase.

The programs are open to ANY teacher, and will happen RAIN OR SHINE. Dress for the woods, weather, and field work. Lunch is provided June 16, and your \$10 will cover a Subway lunch and part of the materials for the second day. We will meet at the **Tar Hollow State Forest Headquarters** on Clark Hollow Road off SR 327.

Ohio University will provide a certificate of participation listing contact hours. One quarter hour of graduate

continuing education credit is available for each day through OU-Chillicothe @ \$103/credit! Information provided on site.

Please contact Lynn Prater by **e-mail**, phone, or mail to register **by June 4**. Classes are limited to 30 participants. Registrants will be sent directions.

Please include your **e-mail**



June
July
August



June: American Rivers Month, National Rose Month

- June 3-9: Clean Rivers Week
- June 8: Best Friends Day
- June 13: National Juggling Day



July: National Picnic Month, National Ice Cream Month

- July 11: Cheer Up the Lonely Day
- July 23: Perseid Meteor Showers begin
- July 24: Amelia Earhart's Birthday (1898)



August: National Water Quality Month



- August 5-10: National Smile Week
- August 19: Bald Eagles Day

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.



Sunship Earth is a week-long curriculum that addresses 80% of the 5th grade Ohio Academic Content Standards for science. In this 5-day program, students explore the concepts of energy flow, cycles, diversity, community, interrelationships, change, and adaptation through engaging experiences. For example, students go inside a giant leaf to learn photosynthesis; they visit Mr. Sun's Restaurant to experience food chains; they save "passengers" after a plane crash, learning about habitat; they visit a city of the future to learn the air cycle, and much more. In all, the students participate in 23 activities, giving them a thorough understanding of the processes that must be in place to allow life to function in balance on our planet. Stratford still has a few openings for schools for this fall. To schedule a presentation of Sunship Earth for your teaching staff and administrators, contact Stratford's Education Director Christa Hein at (740) 363-2548 or treebeing@aol.com. You can find the Sunship Earth brochure at <http://www.stratfordecologicalcenter.org/Sunship%20Earth%20brochure.pdf>

Teachers Sign Up for COSI's Summer Professional Development Programs Today!

Take some time for **you** this summer! Come to a COSI Teacher Workshop to develop your science skills and increase your science content knowledge. Participate in inquiry-based lessons that connect to Ohio's science standards. Meet experts who connect theory to everyday applications. *Graduate credit is available from Ashland University for \$172 per credit hour.* **Cost:** All workshops with the exception of *Inquiry Into The Titanic*: \$130 on or before June 1, 2010; \$155 after June 1. *Titanic*: \$175 on or before June 1, 2010; \$200 after June 1.

CSI: The Science of Solving Crimes June 15–16, 2010 (8am – 4pm) Inquiry Into Health, Medicine, and Biotechnology June 17–18, 2010 (8am – 4pm) Inquiry Into Titanic July 6–7, 2010 (8am – 4pm) Inquiry Into Astronomy July 13–14, 2010 (8am – 4pm) Slip & Slide Science: Inquiry Into Force & Motion July 15–16, 2010 (8am – 4pm) Inquiry Into Weather July 19–20, 2010 (8am – 4pm) Inquiry Into Watersheds July 21–22, 2010 (8am – 4pm) Integrating Science and Literature July 26–27, 2010 (8am – 4pm) Integrating Science and Mathematics July 28–29, 2010 (8am – 4pm)

For more information: <http://www.cosi.org/educators/professional-development/workshops-k-12/#ixzz0p4ED2vft>