

Fall

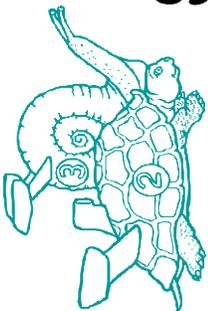
2012



FRANKLIN SOIL AND WATER CONSERVATION DISTRICT

# SWIFT

Soil and Water Information for Teachers



## Spotlight on Resources:

### Water



## Celebrating 40 Years of Clean Water



The Clean Water Act October 18, 1972 - October 18, 2012

Forty years ago, in the midst of a national concern about untreated sewage, industrial discharges, destruction of wetlands, and contaminated runoff, the Federal Water Pollution Control Act, originally enacted in 1948, was totally revised to give the Clean Water Act its current shape. Milestones leading up to the Clean Water Act included the June 1969 fire on the Cuyahoga River; Time's August 1969 report that Lake Erie was "in danger of dying"; and the establishment of the Environmental Protection Agency (EPA) in December 1970.

The Clean Water Act, a bipartisan measure which was enacted on October 18, 1972, is the primary federal law addressing water pollution, aiming to keep waterways safe and clean. The Clean Water Act places restrictions on pollution levels and creates water quality standards for the nation's lakes, rivers, streams, wetlands and coastal waters. Great progress has been made in reducing pollution during the past 40 years, but many challenges remain and we must work together to protect clean water for our families and future generations. Everyone has an impact on the water and we are all responsible for making a difference.

Franklin Soil and Water Conservation District's annual meeting will be October 18th, the 40th anniversary of the Clean Water Act. We will be celebrating with a panel of seasoned natural resource and water quality professionals who will share their stories and reflections on the Clean Water Act and its implementation over the years.

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### Join the Celebration !

#### At The Boat House at Confluence Park

(formerly the River Club) 679 West Spring Street, Columbus for Franklin Soil and Water Conservation District's 66th Annual Meeting and Board of Supervisors' Election

**October 18, 2012 from 5:30 to 8:30 p.m.**



# Fun Stuff to Do



## Nature Center Open House

Sat - Sun October 27 - 28, 10 a.m. to 4 p.m.

Metro Parks cordially invites you to the Open House of your new nature center. A 53-foot living stream flows through the middle of the center's exhibits, stocked with creatures found in Big Darby Creek. Natural and cultural history exhibits, many of them interactive, will allow students of all ages to enjoy learning about the wonders of nature. Naturalists, Friends of Metro Parks and staff will be on hand to greet and interpret. Please plan on spending a few hours of your week-end enjoying this new and innovative center for education. Battelle Darby Creek Nature Center is located at 1415 Darby Creek Drive, Galloway, OH 43119



## The Columbus Zoo and Aquarium will be holding a **Electronics Recycling Drive**

September 15 & 16, 2012

10AM-5PM both days

All electronics will be accepted free of charge, including computer and IT equipment, consumer e-waste, and household equipment, including small appliances. Please note that CRT televisions will also be accepted for a fee of \$15/unit.

For a complete list of equipment that will be accepted, visit [www.ait-recycle.com](http://www.ait-recycle.com).



The **GreenSpot** program is expanding to include a new Kids program!

The new GreenSpot mascot and materials were designed to support existing first grade curriculum while empowering students to help the environment. Students learn to make simple choices like recycling, turning off lights, conserving water and more. Integrate sustainability into every day classroom life with these free resources:

- Copies of the Columbus based children's book, "GreenSpot and the Dots".
- A laminated, reusable chart for classrooms to track their daily green accomplishments.
- Activities including an audio walking tour of green features common on all school grounds.
- A website built specifically for kids at [GreenKids.Columbus.Gov](http://GreenKids.Columbus.Gov).
- Opportunity to schedule a guest presentation from program partners.
- A guide of suggested ways to integrate GreenSpot into daily classroom life.
- A resource guide highlighting programs, grants, materials and more to further inform teachers of the many environmental resources available to classrooms in central Ohio.



**Jungle Jack Hanna's Fall Fest** presented by Fifth Third Bank September 22 and 23 from 10 a.m. to 5 p.m.

Join Jungle Jack Hanna for two great days of fall fun! Each weekend will be filled with activities and attractions such as pumpkin carving, country music, kid-friendly entertainment [and more!](#)



## HOOFit at the Columbus Zoo

September 27 at 10 a.m. Check-in at 9:30 a.m. at Animal Encounters Village Walk with the animals, talk with an OhioHealth physician and an animal educator and find out why exploring the Zoo is healthy for you with the [HOOFit walking program!](#) The walk is free, and participants will receive a bracelet pedometer.

For details on all of these events visit the Zoo website – [www.columbuszoo.org](http://www.columbuszoo.org)



[www.GreenKids.Columbus.gov](http://www.GreenKids.Columbus.gov)





## More Fun Stuff to Do



Ohio's statewide competition will be held January 19th, 2013. Registration is required by Oct. 31<sup>st</sup>, 2012 and mini-grants are available. For more information go to: [www.futurecity.org/ohio](http://www.futurecity.org/ohio). This flexible, cross-curricular educational program gives 6<sup>th</sup>-8<sup>th</sup> grade students the opportunity to do the things that engineers do—identify problems; brainstorm ideas; design solutions; test, retest and build; and share their results. This process is called the engineering design process. With this at its center, Future City is an engaging way to build students' 21st century skills while they apply math and science concepts to real-world problems and to learn about earth stewardship all while working with engineer-volunteer mentors.



### Explore. Experience. Enjoy.

It's that simple. The **Dawes Arboretum** is here for you to explore, experience, and enjoy.

Founded in 1929 by Beman and Bertie Dawes, The Arboretum now covers nearly 1,800 acres and **The Dawes Arboretum** includes eight miles of hiking trails and a four-mile Auto Tour. Come see some of our more than 15,000 living plants. Relax in our Japanese Garden. Hike through our Deep Woods or Dutch Fork Wetlands. Climb our Observation Tower for an amazing view.

The Dawes Arboretum is a private, non-profit organization. The grounds are open 7am until dusk year-round. We are closed only on New Year's, Thanksgiving and Christmas days. Admission is free.

For more information, please call, fax, e-mail or write The Dawes Arboretum as listed below:

- Phone: 740-323-2355 or 800-44DAWES Fax: 740-323-4058 E-mail: [information@dawesarb.org](mailto:information@dawesarb.org) This e-mail address is being protected from spambots. You need JavaScript enabled to view it
- Mailing address: 7770 Jacksontown Rd., SE, Newark, OH 43056

We are located 35 miles east of Columbus, Ohio, four miles north of Interstate 70 and six miles south of downtown Newark. We hope to see you soon!

### 20th Anniversary Celebration

Save the date: Saturday, September 29. The day includes a labyrinth walk at 10 am, time for families to visit the animals and walk the trails from 1 to 3 pm, and an adult reception from 7 to 9 pm. Participate in the raffle and silent auction all day at the barn, 987 N Waggoner Road, Blacklick, OH 43004-9505



Shepherd's Corner  
ECOLOGY CENTER



# Even More Fun Stuff to Do !



COSI On Wheels is excited to debut *Exploring Ecology* for the 2012-2013 school year.

Explore the outdoors as COSI's field biologist brings the science of prairies, forests, rivers and wetlands to your school. Students will investigate animal adaptations, life cycles, and how parts of an ecosystem are connected.

Your COSI On Wheels program begins with a high-energy 45-minute assembly and continues all day as students explore eight to ten interactive stations.

COSI On Wheels Programs:

- Are endorsed by the Ohio PTA
- Are perfect for up to 500 K-6 students
- Are available in Ohio and contiguous states
- Is highly cost-effective about \$2 per student (based on 500 students)
- Supports Ohio Academic Content Standards for Science and compliments National Science Education Standards
- Pricing: \$990 per day of programming, there is no mileage fee for Ohio schools.

For more information or to make a reservation, please call 614-228-2674 or email [cosionwheels@mail.cosi.org](mailto:cosionwheels@mail.cosi.org).

## COSI "BODY WORLDS & The Brain" Free Teacher Showcase

Wednesday, October 24, 2012 5:30 PM to 8:30 PM  
333 West Broad Street, Columbus, OH 43125

Explore COSI's limited-engagement exhibition, during this special event exclusively for educators! Visit <http://bwteachersshowcase.eventbrite.com> to register for this event. Advance registration is required!



Ohio Nature Education is a private non-profit volunteer organization which provides a home for wild animals that can no longer live in the wild. We incorporate these animals into environmental education programs for people of all ages. Our customers include schools, Scout troops, garden clubs, senior centers, metro parks, and community centers. Our programs feature many visuals such as study skins and pelts and interaction with our audience. We utilize different formats and can custom design for groups of virtually any size and age range.

We are excited to announce that we now have several of our education animals on display at the nature center! The nature center is staffed every weekend (except holidays). Feel free to stop by on Saturdays between 10am-4pm or Sundays between 11am-4pm. We have several programs at the nature center you can attend, or just stop by to check out the nature center itself. The William C. Kraner Nature Center is located at 4782 Riley Road Johnstown, OH 43031. More information can be found at [info@ohionature.org](mailto:info@ohionature.org) or by calling 740-967-8320.

## "101 Alternatives to the Chalkboard"

2012 Educators' Conference: A Sense of Place

Friday-Sunday, October 5, 6, 7 of 2012

YMCA Camp Kern,

Enjoy large and small group sessions, campfires, good eating, and plenty more. The cost is \$82 includes all sessions, food, and lodging or \$42 for Saturday only (lunch and dinner included). For more information contact Dave Moran at YMCA Camp Kern, 5291 St Rt 350 Oregonia, Ohio 45045 or [dmoran@daytonymca.org](mailto:dmoran@daytonymca.org)



# Upcoming Events for Educators



## Observing the Resources of our Future

(A workshop series for educators)

Join naturalists, environmental educators and teachers as we explore, explain and experience the value, variety and vulnerability of our natural resources through a series of interactive workshops held at the Nature Center of High-banks Metro Park on Route 23 just north of I 270 .



### Windows on the Wild: Biodiversity Basics:

Saturday, November 3, 2012 8:30 am – 4:00 pm

Become a species seeking a new habitat, a researcher measuring biodiversity, or a detective solving an ecological mystery. WOW, developed by the World Wildlife Fund, explores the meaning of biodiversity, its significance, current status, and ways to maintain and enhance the world's biodiversity. Geared for grades 6-9. The cost is \$25.

### Recycling Resources Workshop: November 17, 2012 8:30 am – 4 pm

Participate in a variety of activities exploring the use and abuse of our natural resources, and gain understanding of the importance of recycling, and human impact on the environment, while engaging in hands-on educational activities. Participants will receive a CD of Windows on Waste and other resources materials. The cost is \$5. Geared for grades 3-9.



### Facing the Future Workshop: December 8, 2012 8:30 am – 4:00 pm

Facing the Future is an activity based curriculum leading students to develop critical thinking skills, build global awareness and engage in positive solutions for a sustainable future. In a world where the lives of our neighbors next door are linked to those of our neighbors abroad, this curriculum helps students discover the linkages between local and global issues, and how they can personally help build positive local and global communities. Learning activities empower teachers with the resources they need to ignite their students' interest in conservation issues while helping them achieve academically. Teachers receive three guidebooks from this workshop. The cost is \$35 Curriculum and Activities are geared for grades K – 8.

### For more information contact:

*Linda Pettit* at Franklin Soil and Water Conservation District, (614) 486-9613, ext. 115 or

[Linda-pettit@franklinswcd.org](mailto:Linda-pettit@franklinswcd.org)



**September: Library Card Sign Up Month**

September 16-22 National Farm Safety and Health Week

September 24 - 30: Take a Child Outside Week



**October: National Popcorn Poppin' Month**

October 1 World Habitat Day

October 21-27: Teen Read Week

October 27: Make a Difference Day



**November: Peanut Butter Lover's Month**

November 3 Sandwich Day

November 12-17: Children's Book Week

November 15: America Recycles & Use Less Stuff Day

November 18-24: National Family Week



**Franklin Soil and Water Conservation District**  
Creating Conservation Solutions for Over 60 Years

**Interested in Scheduling a Program for the 2012-2013 School Year?**

If you would like to schedule a Franklin Soil and Water Conservation District program for your school, please contact Sherry Collins at 614.486.9613 or email her at

[scollins@franklinswcd.org](mailto:scollins@franklinswcd.org). Sherry has been an administrative specialist with Franklin Soil and

Water for four years. She will gladly work with you to schedule a program that meets your needs. Please note that while Linda Pettit will approve all scheduling, she will not be able to do the initial scheduling for you. Remember, our schedules fill quickly so we recommend that you schedule at least one month in advance. Keep in mind, no programs are scheduled less than two weeks in advance and we do not schedule programs on Mondays as this is the time that Linda and Doc use to prepare for their week.

Franklin Soil and Water Conservation District provides presentations to school classes, home school, after school, scout and 4-H groups. All of the programs are correlated with the State Science Content Standards. The topics include soil and water natural resources, conservation, and human impact on the environment.

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

FRANKLIN SOIL AND WATER CONSERVATION DISTRICT is a federal/state/local partnership funded by the Franklin County Commissioners, the Ohio State Legislature, and the cities of Columbus and Gahanna. Additional funding is provided by the cities of Bexley, Dublin, Hilliard, Reynoldsburg, Upper Arlington, Westerville, and Worthington; the Villages of Canal Winchester, New Albany, and Obetz; Plain Township; Franklin County Board of Health, County Engineer, Sanitary Engineer and Economic Development and Planning Department; the Ohio Environmental Education Fund; the Clean Ohio Fund; Nature Works; and with natural resource assistance from the USDA Natural Resources Conservation Service and ODNR, Division of Soil and Water Conservation.