

Fall

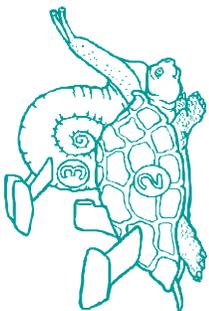
2009



FRANKLIN SOIL AND WATER CONSERVATION DISTRICT

SWIFT

Soil and Water Information for Teachers



## Spotlight on Resources:

### Science Through Stories and Music



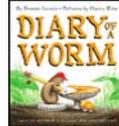
Stories and songs are a great way to enhance a lesson or clarify a particular topic. These are just a few of my favorites to use with students.



### Linda's Favorite Authors



Lynne Cherry



Doreen Cronin



Lois Ehlert



Denise Fleming



Anthony Fredericks



Bruce Hiscock



Thomas Locker

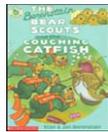


Bill Peet



Kristin Joy Pratt-Serafini

### Linda's Favorite Series



Berenstain Bears and Berenstain Bear Scouts



Crinkleroot books  
Jim Arnosky



The Cat in the Hat's Learning Library



Life and Times



Let's Read and Find Out Science



A Life Science Wonder Book



Magic School Bus



One Small Square

### Linda's Favorite Musicians



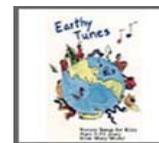
Banana Slug String Band



"Billy B" Brennan



Tom Chapin



Mary Miche



Chris Rawlings

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Sources to discover good science books and music include:

National Science Teachers Assoc., [www.nsta.org/publications](http://www.nsta.org/publications)

Wild About Reading [www.jcpsky.net/ee](http://www.jcpsky.net/ee)

Songs for Teaching:  
Using Music to Promote Learning:  
[www.songsforteaching.com](http://www.songsforteaching.com)





## Fun Stuff to Do

### Freshwater Exploration Programs

Learning Opportunity for students in grades 5-8



The Columbus Zoo & Aquarium Freshwater Mussel Research & Conservation Facility and Ohio State University staff offer a series of Freshwater Exploration Programs designed for grades 5-8 that include live animals, biofacts, and hands-on labs. There are also independent study opportunities for college and high school students. This facility plays a vital role in research on the breeding, rearing and re-introduction of threatened and endangered mussel species. It is one of the few facilities of its kind in the country. For more information about the Mussel Facility visit the website at <http://www.biosci.ohio-state.edu/~molluscs/OSUM2> For information about the Freshwater Education Programs, email Trisha Gibson at [gibson.458@osu.edu](mailto:gibson.458@osu.edu). Time Commitment: 1-1.5 hours for each program and there are no fees.

Programs offered: Wartybacks & Pigtoes: Identifying Freshwater Mussels Zooplankton and its role in the food chain. Water Chemistry: the effects of water quality on aquatic life. Learning Opportunity for students in grades 5-8.

### Boo at the Zoo

Fri, 17th & 24th Sat, 18th & 25th



This delightfully haunting Halloween celebration offers candy stations, storytellers, magicians, a haunted train ride and other thrilling activities.

Saturdays of Boo at the Zoo between 10 a.m. and 3 p.m. different zoo animals will be given pumpkins and treats of their own to eat, play with or smash.



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. <http://www.ohionature.org/>



### The Future City Competition Ohio Region

Ohio's statewide competition will be held January 16th, 2010. Registration is Oct. 31<sup>st</sup> and mini-grants are available. For more information go to: [www.futurecityohio.org](http://www.futurecityohio.org)

The program asks 7<sup>th</sup> and 8<sup>th</sup> grade students from around the nation to team with engineer-volunteer mentors to create — first on computer and then in large, three-dimensional models — their visions of a sustainable city of tomorrow. The Competition offers students a fun way to learn about earth stewardship, engineering, and awareness of community and business issues of the future.



### Franklin Soil and Water

#### Annual Banquet

#### Green is the New Gold

Franklin Soil and Water Conservation District's 63<sup>rd</sup> Annual Banquet is being held on Thursday, October 22<sup>nd</sup>, 2009 from 6:00 to 8:30 pm. Please join us in celebrating 63 years of conservation efforts and accomplishments along with our partners, sponsors, staff and board.

The evening will include sponsor and partner displays and information, a silent auction, board of supervisor election, awards ceremony and an eventful speaker who has brought enthusiasm to a wide variety of audiences throughout Ohio,

The Banquet will be held at the Grange Insurance Audubon Center. Cost for prepaid registration is \$ 32.00 for adults and \$22.00 for children 12 to 4 and under 4 are free.



If you're looking for family fun.

Look no further than Stratford Ecological Center in Delaware.

Some of the programs offered are "Green Families", "Family Farm Chores" and "Herbal Study Group". All of these wonderful programs are designed to be a fun, hands on way of learning about the natural world and about ourselves.

Contact Christa at 740-363-2548 or [treebeing@aol.com](mailto:treebeing@aol.com) or visit [www.StratfordEcologicalCenter.org](http://www.StratfordEcologicalCenter.org)

# Upcoming Events for Educators



## Fall 2009 Environmental Educator Workshop

A series of science based workshops are scheduled for educators of all types. Participants will experience activities appropriate for various age levels that can be used to help meet current science curriculum standards. Additional background information will be provided, as well as sharing resources available to teachers. Formal classroom teachers, non-formal educators, homeschooling parents and scout leaders are welcome to attend. Participants attending both workshops are able to receive 1 graduate semester hour of credit through Ashland University for a cost of \$182. These workshops will be held at Highbanks Metro Park, 3 miles north of I-270 on Route 23 and just below Powell Road.



### **LIVING WITH THE LAND: Saturday November 14, 2009 8:30 am– 4:00 pm**

Participate in activities that explore the land around us. Topics will include, soils, agriculture, plant growth, harvests, and stewardship of the land. Experience activities from many national curriculum resources in these topic areas.

Grades 2-9 \$15 fee

### **PROJECT WILD AND AQUATIC WILD: Saturday, December 5, 2009 8:30 am – 4:00 pm**

An interdisciplinary approach to habitats and wildlife on land and in the water for grades K-12. Receive an activity guide with information and hands-on lessons covering a variety of habitat and wildlife topics with the goal of helping young people gain knowledge, skills, and the commitment needed to make informed decisions about the wildlife around us. \$5 workshop fee. Materials provided free from the ODNR: Division of Wildlife.



*These workshops are coordinated by the Delaware, Franklin and Union Soil and Water Conservation Districts, Delaware General Health District, Preservation Parks and Highbanks Metro Park. The workshops are co-sponsored by the Environmental Education Council of Ohio and made possible in part by a generous grant from the Ohio Environmental Education Fund.*



**Mark your calendar for the winter/spring workshops –Flying WILD on January 30, 2010, WILD School sites on February 6, 2010 and Wonders of Wetlands March 6, 2010 (location TBA)**

### **For more information contact:**

Elizabeth Fields at Highbanks Metro Park, (614) 846-9962 or [fields@metroparks.net](mailto:fields@metroparks.net)

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

Dona Rhea at the Delaware SWCD, (740) 368-1921 or [dona-rhea@delawareswcd.org](mailto:dona-rhea@delawareswcd.org)

## October: National Popcorn Poppin' Month

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

## December: Universal Human Rights Month

December 17: Wright Brothers Day

December 21: National Flashlight Day

NOVEMBER 2013



Franklin Soil and Water partners with many local municipalities to increase awareness of storm water runoff and water quality. These municipalities help to fund our educational programs in their local schools. Because of the increasing numbers of requests, the District will have to charge for school programs outside these locations during the current school year. Loan of materials and assistance with information is still available to all free of charge. Call Linda Pettit for more details at 614-486-9613.



## “We All Live Downstream”

Help raise awareness on water pollution prevention by participating in the City of Columbus “No Dumping, Drains to Rivers” storm drain marking project. Volunteer groups 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, untreated. The project is part of the Department of Public Utilities’



“We All Live Downstream” public education program. The city supplies the disks, adhesive and instructions. River Ranger booklets, designed for 3<sup>rd</sup>-5<sup>th</sup> grade level, are also available to help the children understand the water cycle and the need for protecting against contaminants and water conservation. You choose the Columbus neighborhood in which to place the markers. For more information, please call 645-2123 or visit [www.utilities.columbus.gov](http://www.utilities.columbus.gov).



Waste Not Center, unleashing creativity through recycling. The center receives donations from businesses of usable but no-longer-wanted items. We make them available to teachers, artists, and non-profit organizations who pay a small annual membership fee. Members 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 Us: Waste Not Center 2830B Fisher Road, Columbus, Ohio 43204 or [www.wastenotcenter.org](http://www.wastenotcenter.org)

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