



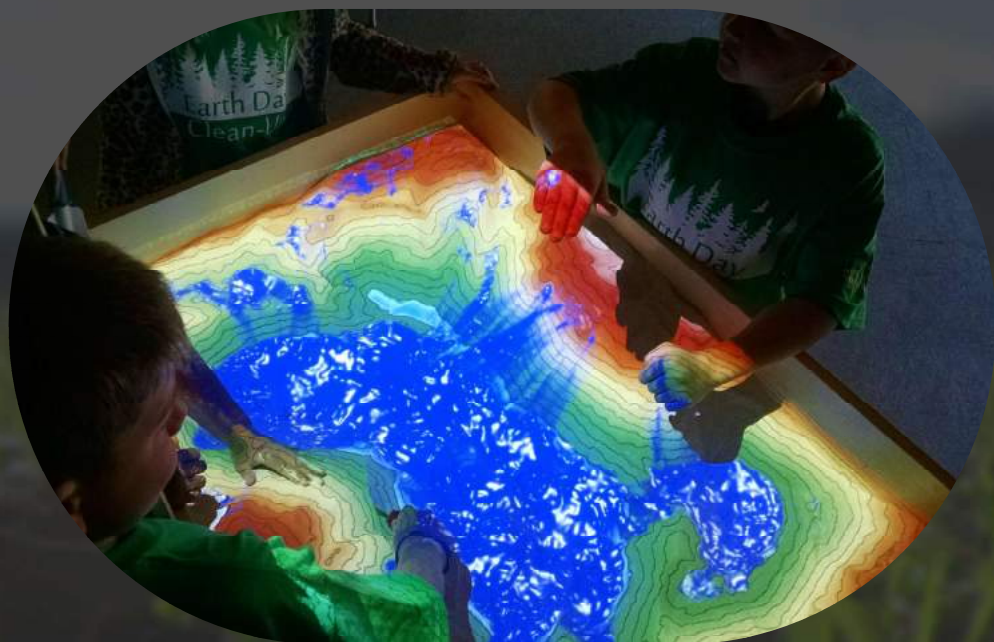
# Conservation Education Program Guide

*-resources and programing for teachers and other educators-*



**HARRISON SOIL AND WATER  
CONSERVATION DISTRICT**

# EDUCATIONAL MODELS



## **Watershed Sandbox**

Our newest model, the Watershed Sandbox is an elevated sandbox that projects topography onto the sand surface.

As the sand surface is reshaped, the model draws topographic lines and projects color to show elevations. The Watershed Sandbox also simulates rainfall and the flow of water over the surface.

The model is a great tool for teaching all ages about watersheds, erosion, and topographic maps. By combining a hands on experience with innovative technology, the Watershed Sandbox is a great way to teach these topics.

The Watershed Sandbox was made possible with support from the Foundation for Appalachian Ohio, through the Gulfport Energy Fund.

# Groundwater Model

Show students how water moves below the surface with the ground water model. The model demonstrates how wells and springs use groundwater as well as showing how groundwater can become polluted.



## Enviroscaapes

Two different Enviroscape models are available. One demonstrates non-point source pollutions, such as farm and urban runoff. The second shows how water is processed for drinking and how waste water is treated.

## Stream Table

Simulating a natural stream, the stream table is a great way to teach the concepts about how streams change, including erosion, deposition, and delta formations.





# CURRICULUM

## Project Learning Tree

PLT teaches students how to think, not what to think about complex environmental issues. PLT inspires educators and youth to improve the environment in their community and to "learn by doing."



## Project Wet

Project WET teaches not only the scientific but also the social and cultural aspects of water. Project WET includes water-related activities that are hands-on, easy to use, and fun for kindergarten through twelfth grades.



## Healthy Water, Healthy People

The goal of this curriculum is to make complex concepts of water quality relevant and meaningful for students. The lessons is geared for Grades 6-12 and contains hands-on activities that teach water quality topics.





## Project WILD

Project WILD is a wildlife-focused conservation education program for K-12 educators and their students. It is based on the premise that young people have a vital interest in learning about our natural world.

## Growing Up WILD

Growing Up WILD is an early childhood education program that builds on children's sense of wonder about nature and the world around them. It provides a foundation for developing positive impressions about the natural world.



## Aquatic WILD

Aquatic WILD uses the simple, successful format of Project WILD activities and professional training workshops but with an emphasis on aquatic wildlife and aquatic ecology.



# RESOURCE TRUNKS

## Wildlife Trunk

The wildlife trunk has a range of resources to teach students about Ohio's wildlife. In addition to skulls, pelts, and footprints, the trunk contains life history notes and information about different species.



## Forestry Trunk

The forestry trunk includes samples of twigs, wood, and leaves from many Ohio trees. Additional notes make it easy for educators to teach basic forestry and tree ID.



## Worm Alley

Worm alley is a portable tunnel that students can crawl through to see what it might look like below the soil surface. The trunk includes books and information to teach students about the importance role of worms.





# OTHER PROGRAMS

## Envirothon

The Envirothon is an experience based test for high school students, covering soils, forestry, wildlife, aquatic ecology and current environmental issues. The SWCD supports Envirothon by helping to train interested teams from local schools.




## Field Days

The SWCD traditionally host a Field Day event for local 4th grade students. If you are interested in doing a field day event for another grade or group, we are able to do other event upon request.

## Your Event!

While we have many programs, curriculums, and resources, we are always looking for new ways to reach youth and adults with a message of conservation. If you have a program or event in mind, contact our office.





*"In the end we will conserve only what we love, we  
will love only what we understand, and we will  
understand only what we are taught."  
-Baba Dioum-*

Harrison Soil and Water Conservation District is an equal opportunity employer and provider.

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