

AVAILABLE PROGRAMS

Correlated To Ohio Academic Content Standards

*Enviroscape Model **

How Does A Community Contribute to Water Pollution?



This watershed model demonstrates the different sources of pollution that impact local streams. The learner can visualize how water pollution comes from a wide variety of human activities and land uses. The program also explores how individual actions can reduce stream pollution. *Social Studies; K,2,3,5,HS*

Ottawa River Watershed Overview

This PowerPoint presentation directs the learner through the many different issues that collectively impact water quality. Participants learn how the Ohio Environmental Protection Agency (EPA) assesses stream water quality. Other key topics are the connection of local streams to our drinking water supply and how we as individuals can have a positive impact on stream health. *Social Studies; 8,HS Science; HS*

Ottawa River Game *

Through an interactive table game, students experience actions of watershed residents and visualize how the Ottawa River, its nine tributaries and Lake Erie are all impacted by pollution from those actions. *Social Studies; K,2,3,5,HS*

The Sliding Soil Soil Erosion Simulation



This is a demonstration of the concept of soil erosion or weathering by water. Students hypothesize, observe, and draw conclusions about the effects of rain on three different land types – bare soil, mulch covered soil, and grass.

Social Studies; K ,2,3,5 Science; 3,4

Water Testing

If your curriculum includes chemical measurements of rivers and streams, we can help! We have titration method dissolved oxygen test kits, pH probes, sediment sticks to measure turbidity, and test kits to measure Phosphate and Ammonia (N). Better yet, we can help your students understand why these parameters and measurements are important to the stream and water quality.

Science; HS

Third Grade Tree Seedling Give-Away

Each year in April we give away Norway Spruce seedlings to each third grader in Allen County. We have been giving away evergreen trees to school children since approximately 1960. A local video production, "Me and My Tree" is used with this program to inform the students about the importance of trees and the different things that should be considered when planting their tree.



Stream Health Exploration Stream Field Trip

Let us host you and your students to a local stream segment and discover the insects that live in the bed of the stream and the story they tell about the health of that water body. Learners assist in finding, identifying and classifying each insect by its pollution sensitivity and abundance. An assessment form is completed and the water quality is scored. Ideal length of time on-site is 90 minutes. Longer periods of time allow for chemical and dissolved oxygen testing.

Science; K,5,HS

River Insects Will Travel – Classroom Program



Let us bring the stream to you, if a field trip is not an option. We will collect the insects in the kick seine nets and then bring them into your classroom. The nets are opened up and laid out on tables for the learners to assist in finding, identifying and classifying each insect by its pollution sensitivity and abundance. An assessment form is completed and the water quality is scored. Ideal length of time is 45+ minutes.

Science; K,5,HS

We are your local information source on water and soil resources. If you have a need with any subject other than those presented here, contact us to see how we might be able to help.

* Denotes that kit is also available on loan for educators to utilize themselves.

**ALLEN SOIL & WATER
CONSERVATION
DISTRICT**

Educational Programs



The Allen Soil and Water Conservation District (SWCD) is a unit of county and state government, established in 1945 through a referendum of Allen County voters.

Allen SWCD is responsible for assisting landowners and land users with managing and protecting soil, water and related natural resources as well as planning to ensure the long term integrity of those resources.

Informational programs and technical assistance provided by the Allen SWCD staff are offered at no charge. Funding for these programs is provided by the Allen County Commissioners, City of Lima, Village of Elida, American Township, Bath Township, Perry Township, and Shawnee Township.

For more information or to schedule programs contact:

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**Serving the Allen County
area since 1945**