

The Ottawa Soil and Water Conservation District offers **FREE** environmental programs for all age groups covering a variety of topics. All programs are correlated with the State Science Standards.

Programs can range in time and can be adjusted based on age group. Our office will work with you to design a custom program! Just let us know what you are looking for.



**Ottawa
Soil & Water
CONSERVATION DISTRICT**

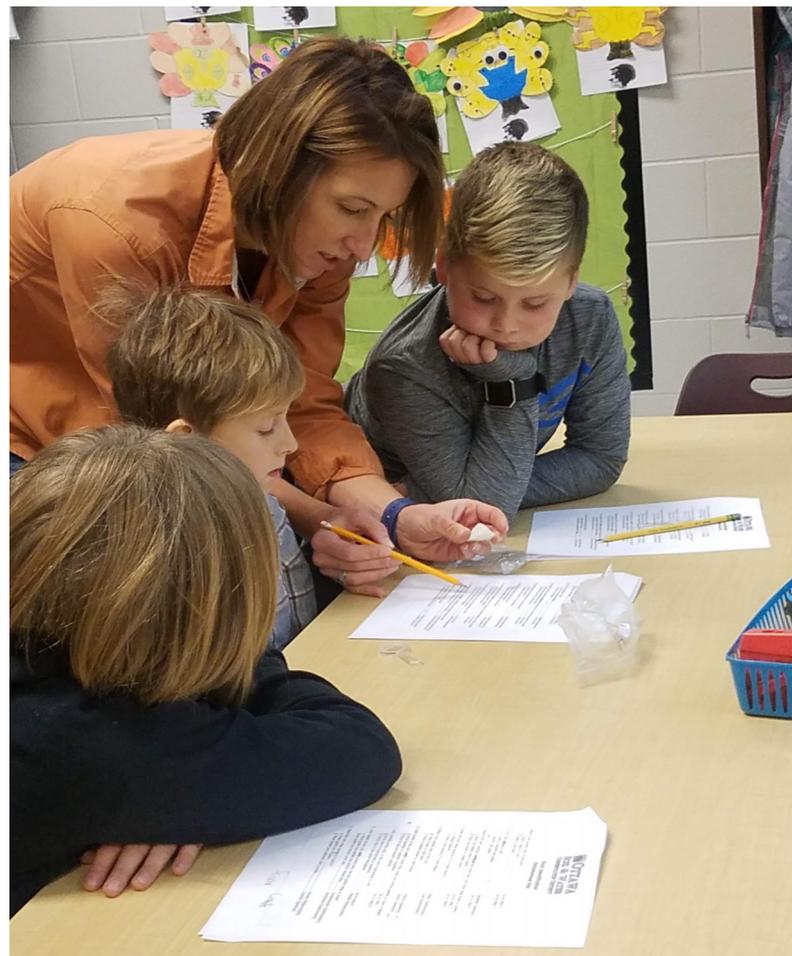
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Environmental Education Programs



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Kindergarten

Wildlife

What animals are native to our area? Students will have the opportunity to view and feel pelts from a variety of different animals.

Seasons Through the Year

Each season brings changes for people, animals and plants. Students will explore the four seasons and identify the events and processes that occur throughout the year.



*Topics are assigned based on grade level standards; however, presentations are available for any grade.

Fifth

Food Webs

Students learn about the relationships between producers, consumers, and decomposers within an ecosystem as they explore food webs and energy flow. This can be combined with owl pellet dissection.

Ecosystem Interactions

What type of relationships exist between organisms? Students will learn about mutualism, commensalism and parasitism, while also exploring the interactions and impacts that people have caused on the natural environment.



Fourth

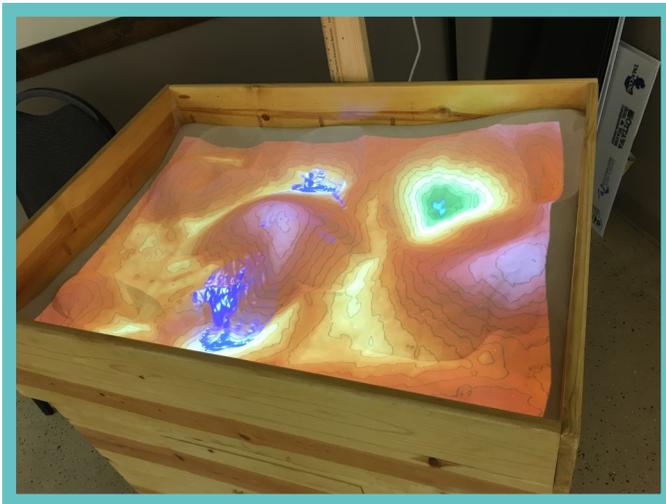
Weathering and Erosion

What is weathering, erosion, and deposition? Students learn about the forces that shape our earth and participate in activities that further explain these processes.

*Presentation includes a stream table model; we prefer to schedule consecutive presentations or house the model in a classroom overnight for presentations spanning several days.

Landforms

Students discuss the processes that change the surface of Earth and learn about various landforms using topographic maps and our 3-D model.



*The Augmented Reality Sandbox can be brought into your classroom to show the different landforms and how they can impact water flow over the landscape. View our YouTube Video by searching Ottawa SWCD to see the augmented reality sandbox in action!!

First

Wildlife

What do animals need to survive? What animals are native to our area? Students will have the opportunity to view and feel pelts from a variety of different animals and learn about their habitats.

Presentations that can be adapted for ANY grade:

- Soil to Spoon- How does our food get to our plates? Students learn the process of how a seed becomes a whole food.
- Owl Pellets- Students will learn about the various types of owls in Ohio. They will also get to dissect owl pellets.
- Enviroscape- How do my actions affect those downstream? Students learn how pollution travels throughout a watershed using an interactive model.
- Lake Erie Then & Now- Students will learn about Lake Erie and how it has changed throughout time, as well as how non-point source pollution affects our waters.
- Macroinvertebrates/Water Quality- What are macroinvertebrates? Students learn the importance of these tiny creatures, and how they help us determine how much pollution is in the water.
- Adaptations- Animals have certain body features and behaviors that help them find and eat food. Students will learn adaptations as they try to “eat” using various bird beaks.

Second

Worms and Composting

Why are worms important? Students will explore the world of a worm and how they survive under our feet. The teacher has the option to make a classroom worm composter with live worms.

Extinction

Why do animals become extinct? Students explore past animal extinctions and learn what animals are at risk today and how people can impact their extinction.

Water Cycle

How is water naturally recycled? Students will learn about the different steps of the water cycle through a hands-on activity where they will explore the journey of water throughout the earth's different environments.

*Topics are assigned based on grade level standards; however, presentations are available for any grade.

Third

Rocks

What is the difference between igneous, metamorphic, and sedimentary rocks? Students will explore the rock cycle and investigate different properties of rocks using hands-on activities.

Soil vs. Dirt

Is there a difference between soil and dirt? Students get dirty learning the ingredients that make up soil. They will work their way through a soil study guide looking at the different types of soil.

