

2017-2018 High School

Programs offered to all Meigs County Schools are FREE of charge. Programs range from 30-45 minutes and can be combined and modified. Contact Jenny Ridenour at the Meigs Soil and Water Conservation District at 992-4282 from 8a.m. to 4:30 p.m. or email jenny.ridenour@oh.nacdn.net to schedule a class presentation. Please schedule at least a week in advance.

This is not a complete list of programs. I will also develop a program to meet any environmental education need. If you don't see a program that you used before, it is still available.

Soil Survey/properties/sampling/maps

Students learn that soil is more than just dirt and it is very important to know what kind of soil is on your property for development, growing crops, or anything else. Students learn about soil characteristics and how to identify soils. Then using a computer, students are shown how to generate a map of any property showing the different soil types and limitations of that property.

What is a Topographic map?

Students learn why we have topographic map, how they are made, and why they are important. Students make a topographic map and learn how to read a topographic map.

Drinking and Waste Water Model

This model demonstrates the steps involved in making our drinking water safe and how it gets to our homes. It also shows how waste water is cleaned and what happens to it after it is cleaned. This model and the groundwater model complement each other well in explaining where our water comes from. A trip to the local drinking water treatment plant can be arranged.

Streams: sick or healthy? Soggy Socks

Stream Quality Monitoring is an excellent way for youth and adults to learn about the Macroinvertebrates that live in streams. It is an interactive learning experience which allows participants to study water quality and the importance of keeping our water resources clean. A local stream is used as we determine the water quality based on data collected. Populations of macro-invertebrates and the chemistry of the water are analyzed along with physical factors. Rubber slip on boots and nets are supplied. This activity is available in March, April, May, and June. If the students can't go to the stream, I will bring the stream to them in the classroom.

Invasive Species

What are invasive species? Do we have any here in Meigs County? Do we care if there are any here? What do invasive species do to our native species? What, if anything, can we do to control or stop the spread of invasive species?

Acid Mine Drainage

I give an overview of the acid mine drainage in Meigs County. Water from an impacted stream can be brought into the classroom to be tested. We can discuss how mining has affected the environment and what is being done to remediate the acid mine drainage in the streams.