

# Conservation Education

your partner in hands-on conservation education for the students of Ashland County



## Fun, free, hands-on activities brought right to your classroom or available online!

In a continual effort to improve the quality of our educational outreach programs, Ashland SWCD has re-vamped our in-classroom presentation offerings to align with our district's priorities. In addition to some traditional favorites, we've added several new topics to our line-up of programs. Don't see an old favorite? Check out our new lending library where we provide you with everything you need to conduct that activity in your classroom yourself.

1

### PICK A TOPIC

See what program topics align with your curriculum.

2

### SCHEDULE

Call our office at 419-281-7645 or e-mail [bvales@ashlandcounty.org](mailto:bvales@ashlandcounty.org)

3

### PRESENTATION

Our staff members will bring everything needed for the program.



### Will you come to our group?

Yes! We present to any Ashland County school or community group.



### Is there a cost to the school?

Nope! This is a free educational service for Ashland County residents.



### Will you come more than once?

Absolutely! We'd love to conduct multiple programs for your group.

# Choose from these in-classroom programs:

## Drop Around the World: grades P-K

Students will learn how water relocates around the world and the many channels it flows through. The children's book *A Drop Around the World* follows the journey of a water droplet as it travels through different scenarios.

## Enviroscape Model, grades 4-12

Students will get a hands-on demonstration of the effects of water runoff and pollutants with this landscape model of a watershed. Students will also learn what watershed they live in and how they can help keep their watershed clean.

## Feeding the World, grades 7-12

How can we feed 9 billion people? What are the limits to food production? Middle & high school social studies students will examine factors limiting population growth the the impact agriculture has on population trends and vice versa.

## Freddie the Polluted Fish, grades P-2

Students will see first hand how pollutants in water affect fish and other aquatic life. They will see how humans can impact water quality and learn the importance of keeping our waters clean.

## Incredible Journey, grades 2-6

Students will be able to describe the movement & states of water within the water cycle by playing a game. Students will tell a story about their incredible journey as a water droplet & the different forms they took (clouds, animals, lakes, rivers, ocean, soil, plants, ground water, & glacier).

## Lawn Chemicals, grades 6-12

Nutrient loading and runoff are significant factors that impact our local water quality. Much emphasis has been placed on farmers' roles in this crust, but do homeowners contribute to this problem? Students will design and a controlled experiment to test the efficiency of lawn spreaders and share the results of their experiment.

## Oh Deer! grades P-4

Students will role play as deer and different habit as they learn about the essential things animals need to survive. Students will see how animal populations increase and decrease from year to year as a result of limiting factors in their environment.

## Poison Pump, grades 9-12

A killer has swept through the streets of London, and hundreds are dead! Could the accomplice to this crime be something that is used everyday? Through a series of clues, middle & high school students will love a mystery to discover that water can also produce negative effects for people. Students will learn about the cholera outbreak in London.

## Soil Snack, grades P-5

Students will learn about different soil layers, horizons, and particles through a hands-on, edible snack. They will use different snacks to depict different layers, horizons and features in soil. \*Please let us know if any food allergies.

## Tremendous Trees, grades P-5

Students will learn the value of trees along with the needs, forms and functions of each tree part. Each students becomes a piece of the tree puzzle and will learn more about tree parts as they build a tree.

## What's in My Water? grades 5-12

Older elementary through high school students will create their own "stream" right in the classroom! They will then conduct biotic sampling and identify macro invertebrates, perform chemical analysis of water samples, complete a biodiversity index, and reach a conclusion on their stream's quality.

## What's Wild, grades P-4

Students will distinguish between wildlife and domesticated animals. Students will learn by locating, classifying & cutting out images of wild and domesticated animals. They will construct collages on how wildlife occurs in a variety of forms.

## Stayin' Alive, grades P-3

Students will try on different wild turkey adaptations as they learn what adaptations are and how wild turkeys use those adaptations to survive in the wild.

**Lessons are available in-person, through Zoom, or as recorded activities. Visit [www.ashlandswcd.com/education-programs](http://www.ashlandswcd.com/education-programs) for more information.**