LICKING COUNTY SOIL & WATER CONSERVATION DISTRICT

To schedule a progrm, please contact our Conservation Educator:
DeirdreWise@LickingSWCD.com

Education Programs & Teacher Resources

Education and outreach are key to teaching present and future generations about our unique resources and why it is important to conserve them. Licking Soil & Water offers many education opportunities including school– and community-based programs. All programming and loaner kits are offered by Licking Soil & Water free of charge.

Education Programs

We offer Education Programs in the classroom, on your school grounds, or at a nearby park. For these programs, our Conservation Educator will come to you or a secondary location and teach the lesson to your students or group.

Programs	Standards	Program Description
Soil Soup Grades 2-5	3.ESS	Students learn the basic components of soil by making soil soup.
Erosion Simulator Grades 3-12	3.ESS, 4.ESS, 6.ESS, 7.ESS, 8ESS	Using an erosion simulator, students make predictions and comparisons on how land cover affects erosion.
Soil Sampling Grades 3-8	3.ESS 6.ESS	By performing soil investigation tests, students learn about the physical properties of soil.
EnviroScape Grades 1-12	3.ESS,4.ESS, 7.ESS High School ES	Using a hands-on watershed model, students learn about the effects of land pollution in a watershed. Runoff, point and non-point source pollution and erosion are addressed.
Groundwater Model Grades 4-12	7.ESS, High School ES	Using a groundwater model, students learn about the movement of groundwater and different factors that can cause groundwater pollution.
Stream Study Grades 1-8	3.LS, 4.LS, 5.LS, 7.LS	Students learn about various types of water pollution as they conduct a biological stream assessment by catching and identifying macroinvertebrates in the stream.
Pollinators Grades PreK-5	PreK, K.LS, 1.LS, 2.LS, 3.LS, 5.L5	Through a series of discussions, games, and activities, students learn the importance of pollinators and what we can do to protect them.
AR Sandbox Grades 4-12	4.ESS, 7.ESS, 8.ESS	Through hands on experimentation with an AR Sandbox, students learn about landforms, topography, and watersheds. *Minimum 100 students

Loaner Kits

We offer Loaner Kits to check out for use in your classroom or educational setting. These loanable, tote ready kits include supplies, background notes, activities, resources and more. Loaner kits can be borrowed for up to 2 weeks at a time.

Loaner Kit	Description
Web of Life Grade 3-8	From Project Learning Tree, students use a set of animal name tags and a ball of yarn to learn about all of the different connections between animals in an ecosystem.
Decomposer Tag Grade 1-3	Students play a freeze tag game where "Death" tries to freeze the "Nutrients" in plants and animals. The decomposers unfreeze the nutrients trapped in bodies, allowing them to return to the cycle of life. Many resources provided to learn about the important role decomposers play in the food web.
Pollinator Puppets Grade K-3	Learn about different types of pollinators like bees and butterflies. Create a finger puppet pollinator using Chenille Stems. Then use your pollinator to travel between flowers, collecting pollen along the way. Limited supplies.
Butterfly Life Cycle Grade 1-3	Students learn about the life cycle of a butterfly from an egg to a caterpillar to a pupa to ultimately a butterfly using a macaroni art inspired metamorphosis. Read a story about the life of a butterfly and use guides to identify pollinators in nature
Life Cycle of a Pumpkin Grade K-2	Students create the life cycle of a pumpkin starting from a seed. Variations and extension activities are included.
The Incredible Journey Grade 2-12	From ***Project WET***, students become a drop of water and cycle around the Earth through plants, animals, clouds, and more! Keep track of your travels and write a story about your incredible journey.

Adult Educator Workshops

Workshop	Description
Educator Workshops	Every summer, Licking Soil & Water, in conjunction with Licking Parks District and The Dawes Arboretum, hold workshops for educators! Workshops include: Project WET, Project WILD, Project Learning Tree, Citizen Science and more. Sign-ups begin in May each year.

Let's keep in touch!
Sign up for our Educator Newsletter to stay up to date on Soil & Water's Education programming and events!

LICKING COUNTY SOIL&WATER CONSERVATION DISTRICT