Ottawa Soil & Water CONSERVATION DISTRICT

ENVIRONMENTAL EDUCATION PROGRAMS

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. For more information regarding any programs contact Becky Simpson, 419-607-4027 or becky.simpson@ottawaswcd.com

KINDERGARTEN



WILDLIFE

Students will observe and feel pelts from a variety of different Ohio Wildlife. **K.LS.2**

SEASONS THROUGH THE YEAR

Students will explore the four seasons and identify temperature, wildlife and habitat changes throughout the year. **K.ESS.1**

FIRST

WILDLIFE HABITATS

What do animals need to survive? Students will explore pelts of Ohio Wildlife and learn their different habitat requirements. **1.LS.1**

EVERY TREE FOR ITSELF

Students will experience the challenges trees face while competing for sunlight, water and nutrients. **1.LS.2**

SECOND

EXTINCTION

Students explore past animal extinctions and learn what animals are at risk today and how people can impact their extinction. Students will then turn into frogs and see if they have what it takes to survive extinction. **2.LS.2**

WATER CYCLE

Students will learn about the different steps of the water cycle through a hands-on activity where they will become a water droplet and travel the earth's different evironments. **2.ESS.2**

THIRD



ROCKS

Students will explore the rock cycle and investigate different properties of rocks using hands-on activities. **3.ESS.1**

SOIL VS. DIRT

Students will investigate the different ingredients that make up soil. They will work their way through a soil study guide looking at the different types of soil and the importance of soil conservation. **3.ESS.1**

ADAPTATIONS

Animals have certain body features and behaviors that help them survive in their environment. Students will learn adaptations as they try to "eat" using various bird beaks. **3.LS.2**

FOURTH

WEATHERING AND EROSION

Students will explore the process of erosion, weathering and deposition through pictures and hands-on experiment. They will then work their way through an "escape room" activity. Great presentation for review before unit test. **4.ESS.1-3**

OHIO WILDLIFE HISTORY



Students learn how the landscape and wildlife populations have changed overtime in Ohio due to colonization, hunting and laws. This is an interactive, hands-on activity. **4.LS.1**

FIFTH

ECOSYSTEM INTERACTIONS

Students discuss the interconnections within ecosystems and the difference between mutualism, commensalism and parasitism relationships. Can be combined with the owl pellets or extinction activity. **5.LS.1**

OWL PELLETS



Students will learn about owls' behavior, diet, habitat and the process of pellet formation. Students will then investigate a raptor food chain by dissecting an owl pellet. **5.LS.1**

Presentations that can be adapted for ANY grade:

Farm to Lunchbox - Students take a closer look at the journey of some familiar foods, exploring how they get from the farm to our plates. **3.LS.3**

Enviroscape - Students learn how pollution travels throughout a watershed using an interactive model. **3.ESS.3**

Macroinvertebrates/Water Quality - Students learn the importance of these tiny creatues and how they help us determine how much pollution is in the water. **4.LS.1**

Worm Composting - Students will discover the ways worms change their habitat. Hands-on observations of real worms!! **2.LS.2**

Landforms - Teachers can borrow our 3-D augmented reality sandbox that demonstrates different landforms and how they can impact water flow over the landscape. **4.ESS.1**

Pollinators - Students will learn the importance of pollinators and recognize that organisms cause changes in the environment where they live. **2.LS.1**