



## 3rd and 4th Grade Lessons...

We can now begin to learn about living and non-living systems, what is renewable and what is not, what causes change as well as explore the interaction of organisms with their environment. Activities cover various 'core curriculum' standards. Check out these titles...



- **Soil Recipes: 'Dirt Made My Lunch'**

Students will explore the source of their food; Soil! They will learn the 'recipe' or basic components for good soil and the process necessary to create it and grow plants. ESS Content: Living and nonliving resources, renewable and non-renewable. PS Content: Matter can exist in different states, energy can cause change. LS Content: Plant needs and relationship with environment. 3rd Grade Content: ESS; Earth's non-living resources have specific properties. 4th Grade Content: ESS; landform formation PS; matter is conserved LS; Change can be good or bad.

- **Water Cycle: 'The Incredible Journey'**

Water is among the very basic needs required by all living things. Students will understand that it is limited and must be recycled. In a hands-on activity they will travel as a molecule of water as it changes states to move through the water cycle. 3rd Grade Contest; ESS Content: Living and nonliving resources, renewable and non-renewable. PS Content: Matter can exist in different states, energy can cause change. LS Content: Plant needs and relationship with environment. 4th Grade Content: ESS; landform formation PS; matter is conserved LS; Change can be good, bad or neutral.

- **Adapting: 'Skins, Skulls & Feathers'**

Explore the special traits and characteristics of living things and how they interact with the world around them. LS Content: Life cycle of animals, traits and structures of animals and their relationship with the environment.

- **Plants: 'The Gift of Trees'**

Trees are just one of many plants that sustain the quality of life for many creatures. We will examine their structure and life cycle while learning about the many products we get from trees. ESS Content: renewable and non-renewable resources. LS Content: life cycle of plants, traits and structure and relationship to the environment.



- **Landforms: 'My Watershed Address' or 'Erosion: Cause and Effect'**

This is a 4th grade activity. Address Act.-Through several hands-on exercises, students will explore earth's many landforms and learn how these landforms effect the water cycle and the distribution of water in regions. Erosion Act. – A series of scientific exercises will bring students to an understanding of landform creation and destruction. ESS Content: the processes that effect earth's surface and landforms. PS Content: matter is conserved. LS Content: environmental changes can be good, bad or neutral.



- **AG Awareness Day (a 4th grade event)**

Open to all Athens County 4thGraders, this fall event will have students moving through stations that will explore the many topics that involve water. It is sponsored by the Athens Farm Bureau and supported by local FFA chapters, Athens SWCD, ODNR and many other local groups and citizens.



- **Waterfest Field Trip (a 3rd grade event)**

Open to all Athens County 3rd Graders, this spring event will have students moving through stations that will explore the many topics that involve water. (ecology, fishing, water safety, water quality, wildlife and many more). It is sponsored by Athens SWCD and supported by Hocking College, Meigs SWCDs. ODNR, OU Aquatics, Athens County BassMasters and many other local citizens an natural resources professionals.



Denotes Featured Programs for this Grade Level

\*\*\*Please note that many of these activities can include a field exploration.