



Curriculum Summary

Kindergarten – Environmental Education

Students should know and be able to demonstrate mastery in the following skills by the end of Kindergarten:

- Ecology
 - Identify living and nonliving things in the immediate and surrounding environment.
 - Identify that plants need the sun to grow.
 - Identify basic needs of living things.
 - Identify the change of seasons in the environment.
 - Identify the similarities and differences of living and non-living things within the immediate and surrounding environment.
 - Observe and describe what happens to living things when needs are met.
 - Identify how the changes of seasons affect their local environment.
- Watersheds and Wetlands
 - Identify various types of moving water in Pennsylvania.
 - Identify a wetland as an ecosystem in Pennsylvania.
 - Describe an aquatic (water) and terrestrial (land) habitat.
 - Identify components of a water cycle.
 - Differentiate between terrestrial, aquatic, and wetland ecosystems in Pennsylvania.
 - Identify that there are living and nonliving components in an aquatic habitat.
- Natural Resources
 - Identify how the environment provides for the needs of people in their daily lives.
 - Identify natural resources available to people in their daily life.
 - Identify some renewable resources used in the classroom.
 - Recognize the importance of conserving natural resources.
- Agriculture and Society
 - Identify what plants and animals need to grow.
 - Identify people's basic needs.
 - Recognize that plants and animals grow and change.
 - Identify common plants and animals found in Pennsylvania agricultural systems.
 - Identify common plants and animals used by people.
 - Observe and describe stages of life cycles for plants and animals.
 - Identify tools and machinery commonly used in agriculture.
- Humans and Environment
 - Identify what people need to survive.
 - Identify things in the natural environment that can be harmful to people, pets and other living things.
 - Identify ways people pollute the environment.
 - Identify what people use in their everyday life.
 - Identify common pests in our homes, gardens and neighborhoods
 - Identify different types of pollution (land, water or air) and their sources.
 - Identify waste and practice ways to reduce, reuse and recycle

Compliance Statement

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