

PLANNED COURSE

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.1 Watersheds and Wetlands

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
<p>A. Identify various types of water environments:</p> <ul style="list-style-type: none"> • Creeks, rivers, streams • Ponds, lakes, swamps <p>B. Identify living things found in water.</p> <p>C. Recognize the need to keep watershed areas clean.</p>	<p>Read and discuss stories about wetlands.</p> <p>Use oral language to describe water animals and plants found in pictures.</p> <p>Discuss what each of us can do to preserve watershed areas.</p>	<p>Student class work and demonstration</p> <p>Teacher observation</p> <p>Classroom discussion</p> <p>Worksheet completion</p> <p>*More specific assessments will be designed upon purchase of new science materials.</p>

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.2 Renewable and Nonrenewable Resources

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Identify plants, animals, air and water as natural resources. B. Identify products derived from natural resources. C. Discuss the importance of recycling.	Recognize the need to preserve our natural resources. Name products made from a tree. Identify by-products of plants and animals. Name items and materials that can be recycled. Discuss ways they can be recycled.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.3 Environmental Health

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Know that plants, animals and humans are dependent on water and air. B. Identify how human actions affect environmental health.	Identify things that can harm air and water. Identify actions that can prevent or reduce waste or pollution. Discuss the importance of keeping land and water litter free.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.4 Agriculture and Society

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Know the importance of agriculture to humans. B. Identify the role of science in Pennsylvania agriculture. C. Know that food comes from plants and animals. D. Identify tools needed to work on a farm.	Identify food, clothing and shelter as basic needs. Identify animals found on Pennsylvania farms. Identify plants found on Pennsylvania farms. Identify food found on Pennsylvania farms Discuss farm hand tools and machinery.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.5 Integrated Pest Management

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Identify types of pests and the reasons for pest control.	Discuss types of pests and how pest management affects the environment.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.6 Ecosystems and Their Interactions

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Identify living and nonliving things. B. Recognize the water cycle.	Describe the basic needs of a living thing. Identify the water cycle through posters and drawings.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.7 Threatened, Endangered and Extinct Species

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Identify differences in living things and their habitats. B. Know that adaptations are important for survival. C. Define and understand extinction.	Recognize local animals and their habitats. Discuss animals and their abilities to adapt to their environment. C. Identify extinct animals.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.

SUBJECT AREA: Environment and Ecology

GRADE/COURSE: Kindergarten

Standard And Strand 4.8 Humans and Environment

OBJECTIVES	PERFORMANCE INDICATORS	ASSESSMENTS (Variety as per Section 4.52, Chapter 4)
A. Identify several ways in which humans use and conserve natural resources. B. Discuss how environmental conditions influence people's lives.	Discuss how humans use/conserves water, air, Earth etc. B. Identify climate changes and their affects.	Student class work and demonstration Teacher observation Classroom discussion Worksheet completion *More specific assessments will be designed upon purchase of new science materials.