

LESSON PLAN

UNIT Habitats

GRADE 2-3

THEME Biomes of the World

EQUIPMENT: Computer/Internet/Worksheets

LEARNING OUTCOMES:

After researching and reading about biomes, students will be able to identify and describe the major biomes of the world

TIME	LESSON CONTENT - ACTIVITY
10 minutes	<p>Introductory Activities:</p> <p>What is a biome? (an environment)</p> <ul style="list-style-type: none">• What are the major biomes in the world? <p>Explain to students that the biomes often have different types of animals and plants, or fauna and flora, which have adapted to the environment.</p> <p>Tell students that sometimes, the same animals and plants can live in more than one biome.</p> <p>Ask students:</p> <ul style="list-style-type: none">• Could a polar bear live in a desert? Why or why not?• What animal could live in a desert? Why?
20 minutes	<p>Main Learning Activities:</p> <p>Students will use website at www.k8websites.com , 2-3 “The Biomes of the World”</p> <p>Students will then complete corresponding worksheet.</p>
	<p>National Curriculum Standards:</p> <p>NSES Content Standard</p> <ul style="list-style-type: none">• Life Science K-4 <p>NSES Content Topic</p> <ul style="list-style-type: none">• Organisms and their environments <p>All animals depend on plants. Some animals eat plants for food. Other animals eat animals that eat the plants.</p> <p>An organism's patterns of behavior are related to the nature of that organism's environment, including the kinds and numbers of other organisms present, the availability of food and resources, and the physical characteristics of the environment. When the environment changes, some plants and animals survive</p>

and reproduce, and others die or move to new locations.

All organisms cause changes in the environment where they live. Some of these changes are detrimental to themselves or other organisms, whereas others are beneficial.

Humans depend on both their natural and their constructed environment. -Humans change environments in ways that can either be beneficial or detrimental for other organisms, including the humans themselves.

CE/CE Concept H:

- The habitat is the environment in which particular organisms live.

CE/CE Content Objectives:

3H1

- understand the basic concept of habitat and how habitats can be preserved

NSES Content Topic

- Changes in environments

Environments include the space, conditions, and factors that affect individual's and population's ability to survive and quality of life.

Changes in environments can be natural or influenced by humans. Some changes are good, some neither good nor bad, and some are bad. Pollution is a change in the environment that can influence the health, survival, or activities of organisms, including humans.

Some environmental changes occur slowly, and others occur rapidly. -Students should understand the differences and consequences of changing environments in small increments over long periods of time and changes that occur in large increments in short periods.

CE/CE Concept Ia:

- Living things are affected by changes in the environment.

CE/CE Content Objectives:

3I1

To understand the effect of environmental change on inhabitants

10 minutes

Closure

Discuss with students how the habitat affects what types of plants and animals live in them. Discuss with students some of the hazards affecting some biomes such as deforestation, global warming, and other dangers.

Extending the Lesson:

Students can find which animals live in which habitats at:

<http://www.pbs.org/kratts/world/content.html>

More in depth coverage can be found at:

<http://www.mbgnet.net/>