



Frisch's Outreach: Habitats (1-3) Extensions

At a glance

This program will allow your students to understand how important a habitat is to every animal, and recognize the basic needs they provide.

Goals

Increase understanding of habitats and the basic needs they provide for wildlife.

Objectives

1. Define the term "habitat".
2. List the four major needs found in a habitat: food, water, shelter, & space.
3. Name and describe several different habitats including some found in North America as well as the kinds of plants and animals that are found there.

Theme

Habitats provide the basics needs for animal survival.

Sub-themes

1. Habitats provide food, water, shelter and space for all animals.
2. These resources are different, depending on the habitat.

Academic standards

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| Ohio Science Academic Content Standards | <i>First Grade Standards</i> Life Sciences—1 Scientific Inquiry—1, 2 <i>Second Grade Standards</i> Life Sciences—1, 2, 3, 6, 7 Scientific Inquiry—2, 3, 5, 6 <i>Third Grade Standards</i> Life Sciences— 6 |
| Kentucky Core Content— Science | <i>Grades Primary through 4</i> SC-E-3.1.2; SC-E-3.1.3; SC-E-3.3.2; SC-E-3.3.3 |

Vocabulary

Adaptations- Something that helps an animal survive

Arctic—the area surrounding the North Pole characterized by a treeless, frozen landscape of sea ice and permafrost

Defense- Resistance to, Or protection from attack.

Desert—a terrestrial habitat that receives less than ten inches of rainfall a year

Forest—a terrestrial habitat in which the plant community is primarily dominated by trees

Grassland—a terrestrial habitat primarily dominated by grasses

Habitat—a place where an animal lives that provides it with food, water, shelter, and space

Habitat loss—results from a change that occurs to a habitat making it unlivable for wildlife

Hibernation- Spending the winter in close quarters, in torpid or lethargic state.

Migration- To pass periodically from one region or climate to another for feeding or breeding.

Native—originally belonging in a certain place

Restoration—a conservation effort that involves returning a habitat or species to its original state or range

Shelter—a place where an animal goes for protection from the weather and other animals

Space—an area large enough to provide an animal with enough food, shelter, and water to survive

Survival- Living or continuing longer than something else.

Wetland—a transitional habitat between land and water in which lands are characterized as being wet or have standing water during at least part of the year

Extension

Have the students make a mural on an empty wall at school or on butcher paper. Challenge them to choose a habitat and depict the different characteristics as well as the varying animals found there.

Guess my habitat. Have the students either cut pictures of animals out of a magazine or draw animals. Encourage the students to name its habitat. Can they name a body part/adaptation that helped them decide? Can they name another animal that lives in this habitat?

Take a hike around the school or neighboring area and explore your habitat. Which habitat do you live in? What animals did you see? How did you decide which habitat is yours?

Go to a wildlife preserve and make a map of all the different habitats you see. How many did you find? Be sure to label the habitats. You can also make a map key including the different animals that live there.

Send a postcard from your habitat! Become an animal and send a postcard from your particular habitat. Describe what your home is like and what you

have been seeing and doing in your habitat!.

Research a particular habitat. Can you describe its components and the animals that live there? Now imagine a change that occurs in that habitat. How will the change affect the animals and plants that call that habitat home? Write about or draw what has happened!

Resources

Activity guides:

ALA's Great Websites for Kids:

Animals

<http://www.ala.org/gwstemplate.cfm?section=greatwebsites&template=/cfapps/gws/displaysection.cfm&sec=1>

Awesome Library – Kids

<http://www.awesomelibrary.org/Classroom/Science/Animals/Animals.html>

Awesome Library – Teachers

<http://www.awesomelibrary.org/Classroom/Science/Animals/Animals.html>

Cincinnati Zoo & Botanical Garden

www.cincinnati-zoo.org