



Frisch's Outreach: We're Likable (Pre-K-K) Extensions

At a glance

This lesson will allow students to discover why some animals might not seem likable yet are very important in our world.

Goals

This lesson is designed to offer students time to discover why some animals may seem “un-likable” while helping them understand that these animals have an important role in our world.

Theme

Some animals may not be liked because they look or move in ways some people do not like.

Objectives

1. Students will be able to identify three “un-likable” animals.
2. Students will be able to identify one adaptation on an “un-likable” animal and tell why that adaptation is needed for the animal's survival.
3. Students will be able to begin to understand how “un-likable” animals are vital to our world and thereby develop a respect for the animals and the role they play in our world.

Sub-themes

1. Some animals have adaptations that may seem very different to us but yet allow those animals to survive.
2. All animals, even those that may seem “unlikable” or ugly to us, play a vital role in our world.
3. When we learn about animals and their unique adaptations and importance to our world they really are likable!

Academic standards

Ohio Science Academic Content Standards	<i>Early Childhood Standards(ages4-5)</i> Life Sciences: A, B Scientific Ways of Knowing: B <i>Kindergarten Standards</i> Life Sciences: 1,2,5 Scientific Inquiry: 1,2,5 Scientific Ways of Knowing: 1,2,3
Kentucky Core Content— Science	<i>Grades Primary-4</i> The Characteristics of an Organism: SC-E-3.1.2, 3.1.3 ,3.3.3

Vocabulary

Antenna (n)-singular (*antennae*-pl) one pair of slender movable segmented sensory organs on the head of insects and crustaceans

Constrict (v)-to compress or squeeze

Decomposer (n)-any of various organisms that return constituent substances to ecological cycles by feeding on and breaking down dead materials

Exoskeleton (n)-an external supportive covering of an animal

Jacobson’s Organ (n)-region of chemically sensitive nerve endings in the oral cavity of many vertebrate animals (mostly reptiles and amphibians) to detect scent

Likable (adj)-having qualities that bring favorable regard

Venom (n)-a poisonous matter normally secreted by some animals and transmitted to prey or enemy chiefly by biting or stinging

Venomous (adj)- full of venom

Vibration (n)-periodic motion in

alternating opposite directions from a position of equilibrium

Extension

Take an Insect Stroll! On a short hike try to find as many insects as you can. Record, tally, and graph what you discover. How many were flying? Walking? Try this at different times of the year. What did you discover?

Hula-Hoop Look and Find
Place several hula-hoops on the ground. Let small groups of learners look very closely at what is on the ground within the Hoop. Try to use Hand Lenses or Magnifying Glasses. What did they see? Record and draw what they find.

Using the same hula-hoop, stretch yarn across the hoop to resemble a spider web. Place small plastic insects on the “web”. Now take turns tossing a spider on to the web. If the spider touches the insect, she eats! If not, she keeps trying!

Lift a Stone-Find A Lot! Find larger stones and pieces of wood while outside. What do you see? Grubs? Ants? Worms? Use a magnifying glass to take a CLOSE look. Be sure to carefully return the stone or wood back in place.

Wrangle Some Worms! Make a small compost pile (worm ranch). Find directions at Family Fun.com. After a few days investigate the compost container for worm tunnels and castings!

Tic Tac Toss A Likable

Go outside and draw a tic-tac-toe grid. One player at a time tries to toss a small plastic “Likable” animal (these were previously “unlikable” animals) into the spaces. Try to get “Tic-Tac-Toe, Likable”!

Create a Toad Abode! Construct a Toad House using a terra cotta pot, oatmeal box, etc. Decorate if you like! Place it where you think a Toad would like to reside!

We’re Likable Charades! Can you move or act like a “likable” animal? Have your friends try to guess what you are!

Make a “We’re Likable” class book. Tell why the animals are so “likable” now that you have learned all about them.

Construct different kinds of “likable” animals out of clay. Try an Alligator Clothespin, an Egg Carton Spider, a Spiral Snake (draw a spiral on construction paper and cut along the lines).

Resources

Bowden, Marcia, Nature for the Very Young: a Handbook for Indoor and Outdoor Activities, John Wiley & Sons, Inc. 1989.

Doris, Ellen, Meet The Arthropods, Thames and Hudson, Inc. 1996.

National Wildlife Federation, The Unhuggables, National Wildlife Federation, 1998.

Wilson, Ruth, Fostering a Sense of Wonder During the Early Childhood Years, Greyden Press, 1993.

Websites:

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

Internet Public Library/Kidspage/
Animals (comprehensive listing)

<http://www.ipl.org/kidspage/browse/mas4500>

KinderNature: A Resource for Early
Childhood Educators

<http://kindernature.storycounty.com>

National Geographic: Animals

<http://www3.nationalgeographic.com/animals/>

National Association for the Education
of Young Children

www.naeyc.org