



ADAPTATIONS FOR SURVIVAL

Grade 2 – 4 | 60 Minutes

Program Overview

Description

In this field trip, students will investigate how animals survive in the wild. Using live animals and natural artifacts, students will participate in our “Adaptation Investigation Stations” to gain real world experience on how animals survive in their habitat.

Adult chaperones recommended: 5

Content Standards

Subject	Gr	Ohio Department of Education Standards
Life Science	2	Living things cause changes on Earth.
Life Science	3	<ul style="list-style-type: none">• Individuals of the same kind differ in their traits and sometimes these differences give individuals an advantage in surviving and/or reproducing.• Plants and animals have life cycles that are part of their adaptations for survival in their natural environments.
Life Science	4	Changes in an organism’s environment are sometimes beneficial to its survival and sometimes harmful.
Climate Literacy Principles		<ol style="list-style-type: none">3. Life on Earth depends on, is shaped by, and affects climate7. Climate change will have consequences for the Earth system and human lives.

Vocabulary

adaptation	predator
camouflage	prey
habitat	mimicry
survival	the 5 senses
offspring	

Books we recommend

- Animal Behavior by Joseph Midtown. World Book, 2014.
- Plant and Animal Adaptations by Joseph Midthun & Samuel Hiti. World Book. 2014.
- Survival and Change by Steve Parker. Heinemann Library, 2006.
- When Lunch Fights Back by Rebecca L. Johnson. Millbrook Press, 2015.

Post-Trip Activities

- Use webcams to view animals in their natural habitat or simulated environments to observe and record physical characteristics of the animals as well as behavioral traits that are taught from parent to offspring. Falcon cams and bat cams are used by the Ohio Department of Natural Resources and can be used for this study.
- Explore animals that once lived in Ohio and no longer exist.

Other Resources

For information about animals:

<https://ohiodnr.gov/discover-and-learn/animals/search-for-species>

<https://ohiodnr.gov/discover-and-learn/safety-conservation/about-ODNR/wildlife/state-listed-species>

Favorite animal cam's:

<https://www.bgsu.edu/falconcam>

<https://www.clevelandmetroparks.com/about/conservation/bald-eagle-nest-livestream>

<https://webcamera24.com/camera/usa/animal-feed-akron/>