



# ADAPTING TO ANIMAL ADAPTATIONS

## Grade 2 | 45 Minutes Live Interaction

### Teacher's Guide

#### Description

In this virtual experience, your students will spend time with a professional wildlife rehabilitator! Before your lesson, students will measure worms and determine which worms to feed a woodcock. This experience includes live birds and other animals, with a focus on strange birds and other native animals that most people have not seen in the wild. The Center's wildlife staff have adapted our facility to handle animals that have unusual adaptations. Learn why these animals are important to the environment, and why they can sometimes be a challenge in our wildlife rehabilitation facility.

Lake Erie Nature & Science Center is the only wildlife rehabilitation facility in Cuyahoga County. Wildlife rehabilitation is performed with permits from federal, state, and local agencies. The wildlife rehabilitation facility is not publicly accessible, so this is a special opportunity to show how subjects like science, math, and social studies are applied to real-life situations.

**Technology Requirements: Zoom or Google Meet, materials will be distributed by Google Docs, Jamboard, etc.**

#### Content Standards

Life Science	Grade 2
<b>Standards</b>	
<ul style="list-style-type: none"><li>2.LS.1: Living things cause changes on Earth.</li></ul>	
<b>Objective/"I can" Statements</b>	

- I can tell what an animal needs to survive.
- I can observe changes in an environment and make a hypothesis as to what animal created those changes.
- I can observe the beak of a bird and tell what kind of food it eats.
- I can explain how a rehabilitator at Lake Erie Nature & Science Center sets up an enclosure for different injured animals.

## Math

## Grade 2

### Standards

- 2.MD.3: Estimate lengths using units of inches, feet, centimeters, and meters.
- 2.MD.4: Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard-length unit.

### Objective/"I can" Statements

- I can measure worms and determine which one is longer.
- I can estimate length of worms.

## Social Studies

## Grade 2

### Standards

- Geography 7: Human activities alter the physical environment, both positively and negatively.

### Objective/"I can" Statements

- I can explain how a rehabilitator helps animals return to their natural environment.
- I can explain how a rehabilitator at Lake Erie Nature & Science Center sets up an enclosure for different injured animals.

## Pre-Trip Activities

**Woodcocks and Worms:** Students will look at a series of worm images against a ruler. The Center's wildlife staff prefer to feed worms that are longer than 4 inches to woodcock patients. Students will indicate which worms are best suited for the woodcocks.

### Vocabulary

Wildlife rehabilitation (rehab)	Adaptation	Hypothesis	Habitat
Wildlife Rehabilitator (rehabber)	Observe	Environment	

## Post-Trip Activities

Watch the video of a loon being released back into the wild.