



## INTAKE AND RELEASE

### Grade 1 | 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, discuss what belongs in nature and what doesn't, then come up with ideas for how you can help to protect our environment. This experience includes live birds and other animals. Learn how an injured animal is brought to the Lake Erie Nature & Science Center by the public and cared for by our expert staff, and learn about our methods of releasing these animals back into the wild. After the experience, work on your map skills and identify the best places to release rehabilitated wildlife.

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 1
<b>Standards</b>	
1.LS.1: Living things have basic needs, which are met by obtaining materials from the physical environment.	
1.LS.2: Living things survive only in environments that meet their needs.	

**Objective/"I can" Statements**

I can explain how a rehabilitator helps animals return to their natural environment.  
 I can tell what an animal needs to survive.  
 I can tell what belongs in an environment and what doesn't.

**Math****Grade 1****Standards**

- 1.MD.4: Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

**Objective/"I can" Statements**

- I can use rehabilitation data to make a chart and answer questions about it.

**Social Studies****Grade 1****Standards**

- Geography 4: Maps can be used to locate and identify places.
- Geography 5: Places are distinctive because of their physical characteristics and human characteristics.

**Objective/"I can" Statements**

- I can use a map to point out locations where an animal should be released based on information told to me by a rehabilitator.

## Pre-Trip Activities

**What Doesn't Belong:** Students will look at an image of nature and determine which items do not belong in the habitat. Talking points include what you should do if you encounter something that doesn't belong in nature.

**Animals in Treatment:** Using real data from our wildlife rehabilitation records, students will make a ten-frame indicating the variety of animals admitted into the rehabilitation facility. Students will answer addition and subtraction questions about the animals.

## Vocabulary

Wildlife rehabilitation (rehab)	Intake	Abandoned	Habitat
Wildlife Rehabilitator (rehabber)	Release	Survival	Environment

## Post-Trip Activities

- Finish “Where Should We Release” map activity by considering the needs of three animals and indicating on the map the best place to release them back into the wild.
- Watch a video of a Herring Gull being released back into the wild, at the same location is was found injured.