BIRD BASICS

Grade K | 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, observe photos of birds and count the birds you see. This experience includes live birds and other animals. Learn how Lake Erie Nature & Science Center cares for ill and injured birds in our wildlife rehabilitation facility and why it is important to help these animals.

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 K
Standards • K.LS.1: Living things have specific characteristics and traits. • K.LS.2: Living things have physical traits and behaviors, which influence their survival. **Objective/"I can" Statements**	

- I can explain what a wildlife rehabilitation specialist does at Lake Erie Nature & Science Center.
- I can tell what characteristics birds have and how those attributes help birds survive.

Math	Grade K

Standards
- K.CC.3: Write numerals from 0 to 20. Represent a number of objects with a written numeral 0-20.
- K.CC.5: Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration.
- K.CC.6: Orally identify whether the number of objects in one group is greater/more than, less/fewer than, or the same as the number of objects in another group, not to exceed 10 objects in each group.
- K.MD.1: Identify and describe measurable attributes (length, weight, and height) of a single object using vocabulary terms such as long/short, heavy/ light, tall/short.
- K.MD.2: Directly compare two objects with a measurable attribute in common to see which object has "more of" or "less of" the attribute, and describe the difference.

Objective/"I can" Statements
- I can count animals in a photo and tell how many there are and which photo has more.
- I can explain why a rehabilitation specialist needs to weigh an animal and I can take part virtually in that data collection.

Pre-Trip Activities

Find the Birds: Students will be given a set of photos and they must identify which photos contain birds.

How Many?: Looking at two photos of chimney swift birds, students can count the birds in each photo and indicate which photo has more birds

Vocabulary			
Wildlife rehabilitation (rehab)	Characteristics	Adaptations	Environment
Wildlife Rehabilitator (rehabber)	Weight	Habitat	