

BIRDS OF THE WETLANDS



SUMMARY

This program is intended to exhibit examples of food, water, shelter, and space on a walking tour of the wetland. The students will learn about different ways the wetland provides these services for the birds that inhabit it and how animal's needs closely resemble our own.

Grade Level: K-2

NGSS: K-LS1-1, K-ESS2-2, K-ESS3-1, 1-LS1-1-3, 2-LS4-1,

Common Core: SL.K.5

Subject Areas:

Interdependent Relationships in Ecosystems: Animals, Plants, and their Environment.

Duration:

Hike: 45 minutes

Coloring Activity: 15 minutes

Setting:

Outdoors, along trail system surrounding the wetland.
Classroom craft activity following hike.

Cooperative Approach:

This program works great with the *Cave Boat Tour* by providing an alternate environment to compare to the wetland. In addition, by walking the other trails, students can apply what they learn during the program by identifying food, water, shelter, and space in other areas of the park.

Vocabulary:

| | |
|---------|---------|
| Food | Wings |
| Water | Feather |
| Shelter | Nest |
| Wetland | Seed |
| Bird | Egg |
| Beak | |

Objectives:

This program uses movement, sound, mimicry, real-life examples, and art to introduce students to habitat. By the end of the program the students should be able to:

- Define simple bird related vocabulary
- Name and identify three common wetland birds by sight and sound
- Describe at least one, and up to 4, habitat needs a bird must have to survive
- Craft a common wetland bird using its distinctive colors and patterns

Making Connections:

Students will learn that humans and animals have certain needs in common. Food, water, shelter, and space are needed to survive and used the same way by both humans and animals.

Alterations:

Grades above Kindergarten

Without changes, this program may not reach the expectations of the knowledge base for grades levels above Kindergarten. Therefore, to provide Grades 1-12 with the *Birds of the Wetland* program, Guides will incorporate more in-depth information at each stop.

It is recommended that one of the STEM extensions also be applied.



Extensions:

The *Birds of the Wetland* program can be extended into a longer program in which principles of STEM, higher-order thinking like applying and creating are applied. Such extensions can include:

STEM

-Having students design their own wetland specifically to provide habitat for year round and migrating birds.

Cost:

Program: \$5.00 / student

Program + Boat Tour: \$10.00 / student