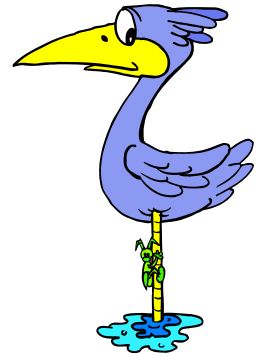


4th & 5th Grade
Description and TEKS Overview
1.5 – 2 hrs.

During this hands-on field study, students will focus on behavioral and physical adaptations of birds, their inherited traits and how these characteristics are used to enhance their survival. The adaptive characteristics of various bird species will be discussed. Students will learn the role birds play as biological control agents, bioindicators and vehicles of biodiversity. Migration will be discussed as well as how biotic and abiotic factors affect migration patterns, habitat and bird populations. Students will use binoculars and field guides to identify birds they see as they hike along the boardwalk out over the wetland.



4th Grade Science TEKS

Organisms and environments. The student knows that organisms undergo similar life processes and have structures and behaviors that help them survive within their environment. (10)

Explore how structures and functions enable organisms to survive in their environment. (10.A)

Explore and describe examples of traits that are inherited from parents to offspring such as eye color and shapes of leaves and behaviors that are learned. (10.B)

5th Grade Science TEKS

The student knows that there are relationships, systems, and cycles within environments. (9)

Observe the way organisms live and survive in their ecosystem by interacting with the living and nonliving components. (9.A)

Predict the effects of changes in ecosystems caused by living organisms, including humans. (9.C)

Organisms and environments. The student knows that organisms have structures and behaviors that help them survive within their environments. (10)

Compare the structures and functions of different species that help them live and survive in a specific environment such as hooves on prairie animals or webbed feet in aquatic animals. (10.A)

Differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle. (10.B)

