

## **Wetlands are Working Lands** **Grade Levels: 3-5**

Students investigate Hildene's wetland to discover the indispensable properties and functions of these unique habitats. From a floating boardwalk that extends 600' through the marsh, students will assess the water quality based on the macroinvertebrate population, discover the characteristics of wetland soils, and examine the adaptations of wetland plants to further their understanding of the ecological importance of these ecosystems.

### **Next Generation Science Standards Addressed:**

#### **Third Grade**

3-LS1-1. Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction and death.  
3-LS4-4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

#### **Fourth Grade**

4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior and reproduction.

#### **Fifth Grade**

5-PS3-1. Use models to describe that energy in animal's food was once energy from the sun.  
5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers and the environment.