

“TEACHER-GUIDED ADVENTURERS” PROGRAM OBJECTIVES

GRADES 4TH-8TH

STATION 1: THE IMPORTANCE OF WETLANDS

At the end of this lesson, students will be able to:

- Describe a wetland environment.
- Explain how wetlands protect our shoreline from storm surge.
- Summarize how wetlands help purify and filter water.
- Compare hydric soils to soils that are used in a vegetable garden.
- Describe adaptations hydrophytic vegetation have evolved to survive in wetlands.
- Know how wetlands serve as a link between surface water and underground drinking water.
- List some of the recreational uses of wetlands.
- Explain why wetlands are crucial wildlife habitats and nursery areas.

STATION 2: THE POND

At the end of this lesson, students will be able to:

- Describe the characteristics of a pond.
- Summarize how a pond habitat provides food, shelter, and water for living things.
- Explain how the fruit, of the Swamp Red Maple, a samara, aids in seed dispersal.
- Identify the many uses of the Bald cypress tree.
- State the function of the pneumatophores.
- Tell what the name “loblolly” means.
- Describe the special uses of the Black Willow tree.

STATION 3: BOARDWALK SWAMP

At the end of this lesson, students will be able to:

- Explain why the Swamp at Burden is called a Black Swamp.
- Identify some of the wildlife that use the swamp as their home.
- Answer questions about the woody plants that dominate the swamp using the information stations along the Boardwalk.

