

“EXPLORERS” PROGRAM OBJECTIVES

GRADES 4TH-8TH

STATION 1: WHY ARE WETLANDS IMPORTANT?

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

- Describe a wetland environment.**
- Know why hydrophytic vegetation is well adapted to wetlands habitats.**
- Compare hydric soils to soils that are used in vegetable gardens.**
- Explain how wetlands help to purify and filter water.**
- Tell why the wetlands are important wildlife habitats.**

STATION 2: WOODLANDS STATION

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

- Explain why the Swamp at Burden is called a Black Swamp.**
- Use a dichotomous key to classify and identify trees found in the Burden swamp.**
- Determine the age of a living tree using a tape measure and solving basic calculations.**
- Summarize the environmental, ecological, economical, and recreational benefits that trees and forests have.**

STATION 3: WILDLIFE

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

- Explain what a niche is.**
- Name wildlife found in the Burden forest.**
- Describe specific areas in the forest where wildlife can find shelter.**
- Give examples of the kinds of foods wildlife may find in the forest.**
- Identify the animal from tracks found in the forest.**
- Recognize scat along the trails, how it is an important way to identify wildlife in an area.**