

The activities and lessons in this section will lead you and your class through the planning of your project. Student lessons and worksheets correspond to each of the following steps.

Project Goals

While the primary goal of your project will be to reduce stormwater runoff, your Stormwater Action Project can also serve other goals for humans, animals, and the environment. The goals that you and your class select will help to shape your project.

Site Selection

The location of your stormwater project is a key consideration. Use the findings from the previous investigations and lessons to compare the potential sites for your project.

Sun/Shade Observation

It is important to select plants that are adapted to the amount of sunlight that reaches the site you and your class have selected. This activity will help your class determine whether the site is a full sun, partial shade, or full shade light condition.

Site Characteristics and Preferences

This activity summarizes the findings from previous investigations into one table for easy reference when you and your class begin to research and select plants.

Plant Selection

Refer to the completed Site Characteristics and Preferences table as you research and select plants. You will need to select plants that meet the site requirements.

Recommended Materials:

- U.S. Fish & Wildlife Service *Native Plants for Wildlife Habitat and Conservation Landscaping for the Chesapeake Bay Watershed* booklet
- List of available plants from local native plant nurseries

Garden Design

A garden design shows the shape of your garden and the placement of plants, trees, and shrubs. The design is usually done on a grid, so that you can plan the garden dimensions and pick the right number of plants.

Recommended Materials:

- Easel sized graph paper (25" x 30")
- Small graph paper (11x17)
- Colored Pencils
- Compasses