



Enviroscape: What About Our Water

Recommended Grades: 2, 3, 5, 6

Program Summary:

Students are introduced to what a watershed is, how it functions and how we all contribute to one. Using the Enviroscape teaching tool, students create a typical town or city complete with a place to live, a food source, transportation and roadways, a work environment and places for entertainment and recreation. By adding in point source and nonpoint source pollutants, students will discover how their everyday lives can have a huge impact on the natural environment and consequently the watershed that they live in. Then students brainstorm practical ways of reducing certain pollutants in the town and learn what positive impacts they can have too.

Vocabulary:

- Point Source Pollution
- Nonpoint Source Pollution
- Watershed
- Erosion
- Sediment
- Pesticides
- Fertilizer
- Sludge
- Road Runoff
- Water Treatment

Standards:

S2P1 a, b; S2L1a
S3L1 a, b, c, d; S3L2 a, b
S6E3 a, b, c; S6E5 h, i, j

Programs are tailored to suit the knowledge and learning objectives of the participants but also intended to challenge students to develop new connections and apply information learned to real life scenarios.