

Water Resource Programs

For grades 6-12

Programs are sponsored by

CITY OF
AUBURN
WASHINGTON

Join us for **FREE** classroom programs sponsored by the City of Auburn Utilities for schools in the service area.

Bring science and nature into the classroom with hands on activities and exciting curriculum that supports many learning styles!

Our programs support the WA State K-12 Learning Standards and STEM education.

Healthy Water, Healthy Soil*

[Grades 6-8]

Through this hands-on lesson, students will gain an understanding of soil function and physical properties. Students will observe soil texture, structure, color, infiltration, test for key nutrients and analyze soil pollution. Students will connect soil composition with the impact of our daily water choices on the natural environment.

Healthy Water, Healthy Ecosystems*

[Grades 9-12]

Experiment with soils from different watershed ecosystems in Washington, and develop an understanding of what each ecosystem needs to be healthy and sustainable. Conduct an analysis of plant needs and create a restoration plan that matches an appropriate soil within an ecosystem. Determine how soil pollution creates disruptions within these ecosystems.

**Healthy Water, Healthy Soil and Healthy Water, Healthy Ecosystems are two-part programs. Please allow for two 50-minute sessions or one block period for each program.*

Watershed Ecosystems [Grades 6-8]

We all live in a watershed, and it is up to us to keep the water that flows through it clean and plentiful. This program introduces students to their own local watershed and to the plants and animals that share this important ecosystem. Students will also learn how a healthy environment cleans water naturally, and gain insight on the impact of humans on this system. Positive human actions on the combined natural and human-built environments are discussed.



💧 **Watershed Dynamics** **(Enviroscape)**

[Grades 6-12]

Students will interact with a tabletop model of a typical community to learn how their everyday choices affect the water quality in our watershed. We'll talk about alternative choices to prevent watershed contamination.



💧 **Be the Solution**

[Grades 11-12]

Students will become knowledgeable in the many issues facing Puget Sound's present health. They will understand the important role we all play in recovering Puget Sound by becoming familiar with what daily actions community members can take to create more positive impacts on our watersheds. As a class, students will make clear the many facets affecting Puget Sound by interpreting the most recent State of the Sound report.

To register visit:
naturevision.org/program-registration

💧 **Aquatic Insect Dip**

[Grades 6-12]

Students visit a local accessible water site (pond, lake or stream) and examine and identify aquatic insects based on which are water quality indicator species. This program focuses on the importance of biodiversity within ecosystems and protecting watershed health.



💧 **Watershed Field Trip**

[Grades 6-12]

Students will visit a local lake, wetland or pond near their school and explore it with a naturalist. Students will observe plants and animals in this environment, examine and identify local freshwater invertebrates, and learn about the health of our greater watershed systems. Students may also participate in water quality tests for oxygen, pH, temperature and more.

