

Watershed Education Programs

Bring Environmental Education into the classroom with **hands-on** activities and exciting curriculum that supports many learning styles.

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

Join us for **FREE Classroom programs and field trips** sponsored by the City of Lynnwood for schools in the service area.



• **Salmon Cycle**

[Grades K-5]

Discover the connection between Pacific salmon, people, and the water we share. The salmon life cycle and what this keystone species requires from its ecosystem is discussed. Students will explore water quality issues and understand why healthy salmon habitats are good for Northwest ecosystems, and people too.

• **Watch the Flow, Above and Below**

[Grades 6-12]

People need to use water wisely as it cycles through our human-built environment. Students will learn the basic infrastructure of how water flows from nature through our cities and towns and back again, and the impact of human behavior on this water system.



• **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. Alternative choices to prevent watershed contamination are discussed.



• **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.

• **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.*

** Two part program. Please allow for two 50 minute sessions or one block period for the program.*

To schedule programs or field trips, visit <http://www.naturevision.org/program-registration>. Register online or print out the registration form and fax it in per the instructions.



Field Programs:

• **Watershed Field Experience**

[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 will learn about the health of our greater watershed systems. Older students may also participate in water quality tests for oxygen, pH, temperature and more.

• **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.

• **Hall Lake Salmon Release**

[Grades 6-12]

Students will visit the Hall Lake Fish Hatchery! Students will release salmon fry, observe plants and animals in this environment, examine and identify local freshwater invertebrates, and will learn about the health of our greater watershed systems. Older students may also participate in water quality tests for oxygen, pH, temperature and more. For this special field trip, school district buses will be funded by the City of Lynnwood. Available late March-early May annually.