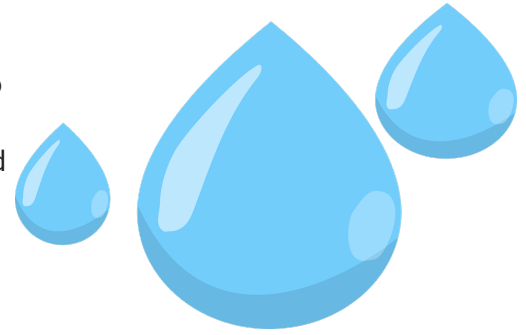


water EDUCATION



City of Bothell offers several fun, hands-on classroom presentations to help our students explore the fascinating world of water. All activities are tailored to our region and are **FREE** to our schools. An experienced educator from **Nature Vision, Inc.** will teach each class.

Nature Vision is an award-winning environmental education non-profit organization serving over 65,000 students in our region each year. They foster appreciation and environmental stewardship by educating and connecting community to the world around us.

programs OFFERED

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 discuss alternative choices to prevent watershed contamination.

Water Conservation (grades 6-9)

Did you know that our area receives less rainfall in the summer months than Miami, Florida? Join us for an interactive lesson that will explore what our community can do to conserve our water indoors and outdoors. Students will learn why we need to save water and use it wisely so that we can keep more water in our local water bodies for wildlife and future generations.

Water Supply (grades 6-9)

Do you know where your drinking water comes from? Discover the path clean water takes from its local natural source to your faucet! Students will explore the human and natural factors that affect our water supply, and what actions they can take to keep this important natural resource pristine as our population grows.

Watershed Ecosystems (grades 6-8)

We all live in a watershed, and it's 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. We'll talk about positive human actions on the natural and human-built environments.

Salmon Cycle (grades 6-12)

Discover the connection between Pacific salmon, people, and the water we share. We'll talk about the salmon life cycle and what this keystone species requires from its ecosystem. Students will explore water quality issues and understand why a healthy salmon habitat is good for Northwest ecosystems, and people too.

Get started!

FREE

To schedule a program, please visit naturevision.org/program-registration. Contact **Nature Vision** at info@naturevision.org or **425-836-2697** with questions.



If you have questions about programs or other services offered, contact **Bothell's Surface Water Program Coordinator, Christi Cox** at christi.cox@bothellwa.gov or **425-806-6790**.

More resources

pugetsoundstartshere.org
Discover ways you can help heal Puget Sound

kingcounty.gov/salmon

Learn more about local salmon

pugetsoundstartshere.org/drainrangers

See Drain Rangers curriculum



***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 for grades 6-12. Please allow for two 50-minute sessions or one block period for each program.*

Water Connection 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. Older students may also participate in water quality tests for oxygen, pH, temperature, and more.

Be the Solution (grades 6-8)

Students will become familiar with their watershed by gaining awareness of current water issues and understanding what community members can do to help. They will apply their new understanding by interpreting real-world local data.

Be the Solution (grades 9-12)

Students will use a detailed map of Bothell's subwatersheds to see firsthand how waterways are connected. They will also understand the human impacts on their watersheds. Students will interpret data collected in order to gain an understanding of local issues affecting waterways, and become familiar with best management practices that have a positive impact on the watershed ecosystem.

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 Bothell 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.

Blue Teams (grades 6-12)

You have the opportunity to create a youth-powered Blue Team to help care for one of our most precious natural resources - WATER! Blue Teams carry out a water quality action project that promotes watershed sustainability and stewardship in their community. Each team receives expert help from an educator to help plan, prepare, and execute their project.

Get started!

To schedule programs or field trips, visit naturevision.org/program-registration. Register online or print the registration form and fax it per the instructions. **Scheduling considerations:** We are available to visit your school from 7:30 a.m. to 3:30 p.m. Please allow 45-60 minutes for each secondary program. Pre-registration is required. If you have questions about these programs, contact Nature Vision at info@naturevision.org or **425-836-2697**.

Drain Rangers curriculum

The Pacific Education Institute with formal educators, cities, and nonprofits across the region worked to create an excellent stormwater curriculum with locally relevant videos, illustrations, and content. If you'd like to receive free materials, training, or classroom assistance to implement these great lessons, visit bothellwa.gov/drainrangers.