

# Watershed Education Programs for Grades K-5



The City of Maple Valley is sponsoring FREE Classroom and Field Trips to schools within Maple Valley's City limits through a partnership with Nature Vision.

Nature Vision is an award-winning environmental education non-profit organization serving over 65,000 students in our region annually. They foster appreciation and stewardship of our environment by educating and connecting community to the world around us. The programs offered are shown below.



## Watershed Ecosystems (Grades K-5)

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.

## Wetland Filters (Grades 2-5)

Wetlands are like the kidneys of the earth, filtering water as it circulates through the water cycle. Students will learn how wetlands perform this important function through hands-on activities.

## Watershed Dynamics (Enviroscape) (Grades 3-5)

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.

## Water Connection Field Trip (K-5)

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.

## Healthy Water, Healthy Soil (K-3)

Dig in to healthy soil and discover the living creatures that benefit the soil and plants all around us. Touch and feel the non-living parts of soil, and explore how healthy water keeps our soils in the Northwest healthy.

## Healthy Water, Healthy Soil (4-5)

Dig in to healthy soil and discover the living network of decomposers that benefit the ecosystems around us. Explore how healthy water keeps our Northwest soils healthy and understand how humans can impact soil through our interactions with water.



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Each program is taught by an experienced educator from Nature Vision. These programs support the Next Generation Science Standards, the WA State Science Standards, and STEM Education.

## Scheduling considerations:

- 💧 We are available to visit your school between 7:30 AM and 3:30 PM.
- 💧 Please allow one hour for each program if possible
- 💧 Feel free to schedule programs back to back (10:00, 11:00, 12:00), but if possible please leave 10 -15 minutes in between.
- 💧 Pre-registration is required.

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.



If you have questions about these programs, please do not hesitate to contact Nature Vision directly:

Email: [info@naturevision.org](mailto:info@naturevision.org)

Phone: (425) 836-2697

*These programs are provided by Maple Valley City Council to support the work of the Lake Wilderness Citizen Advisory Committee and Surface Water Management Program.*