



Nature in the Classroom 2016-2017

Each program 1 hour; \$95 per program; 30 students or fewer

Amazing Arthropods	K-5	Discover the world of arthropods through an arachnid encounter
Animal Senses	K-2	Compare how animal senses are like our own
Animals in Winter	K-2	Play the role of animals preparing for winter hibernation
Investigating Insects	K-4	Explore insect adaptations and life cycles
Living/Non-living	K-2	Investigate living and non-living things in compost
Tide Pool Play	K-2	Tides, tide pools, moon and sun...discover connections through role play
“Toadally” Amphibians	K-4	Study amphibians through metamorphosis and adaptations
Slithering Snakes	K-5	Learn about snakes and how they fit into our environment
Water Cycle	K-6	Learn about water cycle stages; play the role of a water drop
Formula for Fossils	1-3	Ancient life forms in layers of rock: students make their own "fossil"
Slimy Slugs/Wiggly Worms	1-3	Have fun learning about these incredible creatures
Animal Adaptations	2-6	Explore the myriad of techniques animals use to survive
Call of the Wild	2-4	Explore how animals communicate with one another
Cool Camouflage	2-6	Learn how plants and animals hide or blend in
Food Webs	2-5	Explore the balance of the food web, chain, and pyramid
Native Plants and People	2-6	Learn what native plants are and how past cultures used them
Skeletons and Skulls	2-6	Bat skeleton to bear skull: unique animal structures
Watershed Dynamics (Enviroscape)	2-12	Interact with a tabletop model of a typical community to learn how everyday choices affect the water quality in our watershed.
Balance and Motion	3-6	How creatures achieve balance and motion in their environment
Carbon Connection	3-5	Understand the carbon cycle and how humans connect with it
Geology Rocks	3-4	Rock cycle through igneous, metamorphic and sedimentary rock <i>may use store-bought candy bar for a hands-on activity</i>
Orcas of the Salish Sea	3-5	Learn about the lifestyle of this intelligent marine predator
Puget Sound Ecology	3-6	Learn about one of the richest marine ecosystems in the world
Right Plant, Right Place	3-5	Understand the impact of invasive plants on ecosystems
Waterwise Gardening	3-5	Explore how water can be used efficiently in gardens and yards
Biodiversity Bonds	4-6	The ABC's of protecting biodiversity and loss of species
Digging into Decomposition	4-6	Explore a worm bin food web & how vegetation is recycled
Nature's Simple Machines	4-6	How concepts behind simple machines are used by nature
Photosynthesis	4-8	Learn how light is harvested by plants to power the food web of life
Solar System	4-6	Learn about earth's place in our solar system
Sustainability Savvy	4-6	Understand the definition of sustainability and how our choices effect present and future generations.
Watch the Flow	4-12	Learn how water flows from nature through our cities and towns and back again, and the impact of human behavior on this water system.
Drip Irrigation	5-7	Explore how drip irrigation systems can help us use water more efficiently in home and school gardens.
Geology in Motion	5-6	How plate tectonics are connected to land forms <i>may use store-bought candy bar for a hands-on activity</i>
Soil –It's more than Dirt	5-8	Learn about what makes healthy soil and test for key nutrients

Thinking in Carbonese	5-7	Learn what we can do to decrease our carbon footprint and use a carbon calculator
Healthy Water, Healthy Soil	6-8	Understand soil function and physical properties. Connect soil composition with the impact of our daily water choices on the natural environment. <i>This is a two session program. You may register for two separate 50 minute class periods or one 90 minute block.</i>
Water Conservation	4-9	How and why we need to care for our precious water resources
Water Supply	4-9	Discover our water's path from mountains to faucet
Healthy Water, Healthy Ecosystems	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. <i>This is a two session program. You may register for two separate 50 minute class periods or one 90 minute block.</i>

Habitat Class & Field Programs

A **two part** program: one class and one field. \$190 per 2 part program;
30 students or less (can register for one part for \$95)
You choose a field trip site or use our suggested sites.

Stream Connection (Possible field sites are Mackey Creek, Bear Creek, Cavanaugh Pond and more)

Salmon Cycle (class)	K-12	Learn about the incredible journey of this keystone species
Stream Field (field)	K-12	See Salmon in the fall; explore for aquatic insects the rest of the year
Water Quality Testing (field)	5-12	Perform tests on a local water body to determine health

Wetland Connection (Possible field sites are your local retention pond, Cavanaugh Pond and more)

Wetland Wildlife (class)	K-6	Discover the plants and animals that are part of our wetland ecosystems
Wetland Filters (class)	2-6	Wetlands filter our water; see how it works
Watershed Ecosystems (class)	5-12	Learn what a watershed is and how we can keep ours healthy
Pond Dipping (field)	K-12	Use scientific method to investigate samples of aquatic insects
Wetland Walk	K-12	Explore a local wetland with a naturalist. Observe plants and animals and learn about the health of our greater watershed systems

Forest Connection (Possible field sites are Farrel-McWhirter Park, or your local park)

Forest Habitat (class)	K-3	Discover the interconnected life in our forests
Forest Ecosystems (class)	4-6	Explore the Pacific Northwest forest ecosystem
Forest Field (field)	K-12	Immerse yourself in our beautiful Pacific Northwest forests
Nature Walk (field)	K-12	Get outdoors and explore a nature theme of your choice. Call us.

Aquifer Connection (Field site is Redmond Well or Union Hill)

Groundwater (class)	2-8	Learn what groundwater is and how communities depend on it
Well House Field Trip	2-8	Visit a working well house and see the water coming from the aquifer

Outdoor Discovery Days and Science Fairs

Make your Outdoor Day, Science Fair, or 5th/6th grade Outdoor Education Camp a dynamic event!

- Work with us to design your group's custom nature program.
- Benefit from our unique props and knowledgeable naturalists.
- Locate your own site, or let us choose one for you.
- Call 425-836-2697 for a custom quote.

Free Programs

Water Programs may be funded by your School's Water District. Check our website for availability <http://www.naturevision.org/free-programs-for-schools/>.

Schools with 50% or greater free/reduced lunch students qualify for Discuren Foundation funded school programs. See <http://www.naturevision.org/free-programs-for-schools/> for details.

The King County Noxious Weed Control Program is now sponsoring *Right Plant, Right Place* programs for King County Schools: Did you know that ecological "deserts" can form under big patches of invasive plants? Through games and group activities, students will become aware of the impact of invasive plants on *ecosystems*. Students will learn how to identify invasive plants, how these plants spread, and how to help manage the spread in our own backyards and communities. See <http://www.naturevision.org/free-programs-for-schools/> for details.