



Course List for 2008 - 2009

Email: Nicole at kilnic17@aol.com

Or Call: 206-274-9524

Salmon and You: Classroom Presentation & Field Study Investigation (offered in the fall)

This class explores the lifecycle of salmon, provides hands-on experience with internal/external fish anatomy, identifies habitat needs and limiting factors, and analyzes water quality. The 1 hour classroom presentation and 3 hour field study help students make connections as they investigate a local stream site to determine the stream's suitability for salmon. Class includes a large motor game. Students discover their impact on salmon habitat. **Grades: 4-8.** *Cost: \$50 for the classroom presentation & \$200 for the 3 hour field study.

Water Heroes – Keep our watershed healthy: Classroom Presentation & Activity

A presentation covering the water cycle, watersheds, storm drains and what we can do to keep our watersheds healthy. Uses visual aids and activities to help students understand how we are all connected to the water that surrounds us. Classroom presentation requires 1½ hours. **Grades: 4-8.** *Cost: \$75.

Digging up Dirt – A Field Investigation Using the Scientific Method: Three Classroom Sessions

There are three 1 hour sessions. Session One is an overview of the steps involved in planning a field investigation: Hypothesis, Materials, Procedures, Data Collection and Conclusion. Session Two is the data collection phase in which transect lines are used to collect soil from two different locations on the school grounds and tools are used to measure the results. Session Three involves graphing and analysis to accept or reject the hypothesis. Students will draw conclusions, recognize variables, and connect information to environmental issues. **Grades: 4-8.** *Cost: \$200

It's a Jungle Out There: Classroom Presentation & Activity

We will focus on eelgrass beds found in the Puget Sound. After discussing why and how marine inhabitants use these underwater, meadow-like habitats, students will construct models of eelgrass beds. Classroom presentation requires 1 ½ hours. **Grades: 3-6.** *Cost: \$75.

Exploring Intertidal Puget Sound: Classroom Presentation & Field Study (offered in the spring)

A PowerPoint presentation and an activity will focus on one of four topics: (1) identification of marine invertebrates; (2) intertidal zones and how invertebrates in those habitats survive; (3) prey and predators of marine invertebrates; (4) organization of marine invertebrates by phylum. Choose the topic that meets the needs of your grade level. Field study site will be determined by participants and ESC staff. Beach etiquette and stewardship are stressed! All 4 topics within the Puget Sound Course may also be delivered as a classroom only session. **Grades: K-12.** *Cost: \$50 for the 1 hour classroom presentation & \$150 for the 1 ½ hour beach field study investigation.

ESC strives for a ratio of 1 instructor for every 10 students in the field in order to provide high quality instruction and personal attention for every student as well as to meet teacher's requests for specific curriculum emphasis.

***For schools with > 50% of the student population on free or reduced lunch, please inquire about our program cost fee waiver.**

To sign up for the class offerings, **E-mail Nicole** at kilnic17@aol.com

Check out our website at: www.EnvScienceCenter.org

Programs are aligned with 2009 Washington State Essential Academic Learning Requirements, Science Standards, and Environmental Education Standards. ESC staff will work with teachers to modify programs to fit their curriculum needs.