



## Salmon Watch Station Descriptions

**Salmon Biology:** Usually taught by a fish biologist. A Salmon Watch field trip is the perfect opportunity for a discussion about the species of salmon that students observe on the field trip, the life cycle, anatomy, spawning behavior and topics such as the 4H (Hydropower, Hatchery, Habitat, Harvest).

**Macroinvertebrates:** This activity reinforces what students have learned about water quality and the kinds of organisms that inhabit a stream with a particular water quality profile. At this station, students sample for aquatic insects in the stream and use that information to evaluate the health of the stream for salmon. Data collected will be uploaded to OSU's StreamWebs online database.

**Water Quality:** Monitoring provides basic information on the health of our rivers and streams. At this station, students will test temperature, pH, and dissolved oxygen to determine current water conditions. Data collected will be uploaded to OSU's StreamWebs online database. Students will also examine data collected from urban areas to compare and discuss impacts of land-based activities in different settings.

**Riparian Zone:** This station is an opportunity to learn about the interrelationship between salmon, humans and the watershed they share. Activities that help students gain a broader perspective include: discussion of human impacts, riparian metaphor game, plant ID scavenger hunt, stream mapping.