Take Care of Oregon Days Project Ideas

Project:	Content Standards / CCG's:	Essential Skills:	Available Resources:
Macroinvertebrate Sampling Students learn about the importance of clean water for humans and animals, and how the presence or absence of certain macroinvertebrates can indicate the water quality of a stream. Students learn how to properly sample for Macroinvertrebates. Students sample macroinvertebrate life of a nearby stream and share this information with the local water agency.	**Science/Life Science/ Organisms:** ▪ SC.05.LS.03: Describe basic plant and animal structures and their functions. **Science/Life Science/ Diversity &Interdependence:** ▪ Explain and analyze the interdependence of organisms in their natural environment. ▪ SC.HS.LS.03: Describe and analyze the effect of species, including humans, on an ecosystem. ▪ SC.03.LS.04: Describe a habitat and the organisms that live there. ▪ SC.05.LS.05: Describe the relationship between characteristics of specific habitats and the organisms that live there. **Social Sciences/Geography:** ▪ Understand how humans affect the physical environment. ▪ SS.08.GE.08.03: Predict how changes in an ecosystem (not caused by human activity) might influence human activity. **Health Education/ Promotion of Environmental Health:** ▪ Explain the elements of a safe and healthy personal, school, home and community environment and their effect on health and well-being. **Language Arts/Reading:** ▪ CCG: Listen to, read, and understand a variety of text across the subject areas at school and on own, applying comprehension strategies as needed. **Language Arts/Speaking and Listening:** ▪ CCG: organize oral, visual, and multimedia presentations in clear sequence, making connections and transitions among ideas and elements.	▪ Read and comprehend a variety of text. ▪ Listen actively and speak clearly and coherently. ▪ Apply mathematics in a variety of settings. ▪ Think critically and analytically. ▪ Demonstrate civic and community engagement.	▪ Wetland Health Evaluation Program www.mnwhep.org/id28.html ▪ Student Watershed Research Project www.swrp.esr.pdx.edu ▪ SOLV www.solv.org