

Lesson Plan: Feeding Frenzy Sampling
Field Trip Program: Exploring Lake Lowell
Location: Lake Lowell Park

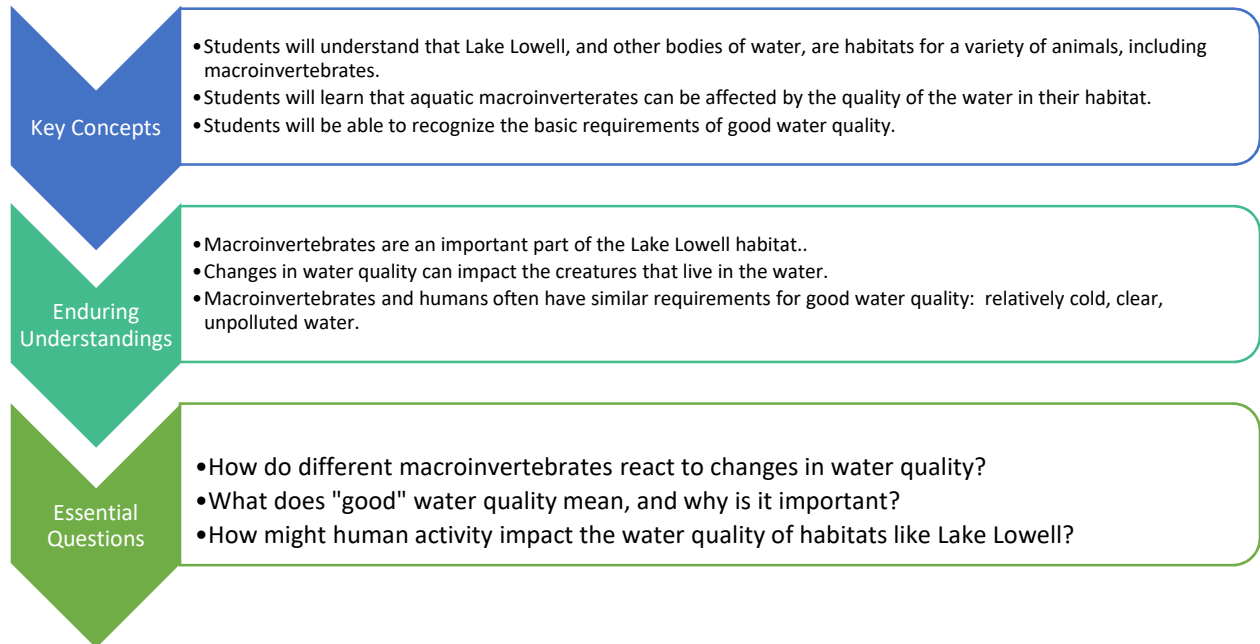
Intended Grade(s): 2nd & 3rd

Overview and Purpose:

Idaho State Standards
<ul style="list-style-type: none"> • 2.S.3.2.1. Identify four basic needs of all living things (food, shelter, water, space). • 2.S.3.2.2. Discuss how animals are suited to live in different habitats. • 2.S.1.6.2-4. Make observations, analyze information and evidence; communicate observations. • 3.S.3.1.1. Describe the adaptations of plants and animals to their environment. • 3.S.5.1.1. Identify local environmental issues.

Common Core State Standards
<ul style="list-style-type: none"> • CCSS.ELA-LITERACY.SL.2.1. Ask for clarification and further explanation as needed about the topics under discussion. • CSS.ELA-LITERACY.SL.2.2. Recount or describe key ideas or details from information presented orally or through other media. • CSS.ELA-LITERACY.SL.2.3. Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue. • CSS.ELA-LITERACY.SL.3.1.C. Ask questions to check understanding of information presented, stay on topic, and link their comments to the remarks of others. • CSS.ELA-LITERACY.SL.3.1.D. Explain their own ideas and understanding in light of the discussion. • CSS.ELA.LITERACY.SL.3.3. Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.

Next Generation Science Standards
<ul style="list-style-type: none"> • 2-LS2-1. Make observations to collect data which can be used to make comparisons. • 2-LS4-1. There are many different kinds of living things in any area, and they exist in different places on land and in water. • 3-LS4-4. When the environment changes in ways that affect a place's physical characteristics, temperature, or availability of resources, some organisms survive and reproduce, others move to new locations, yet others move into the transformed environment, and some die. • 3-LS4-1. For any particular environment, some kinds of organisms survive well, some survive less well, and some cannot survive at all. • 3-LS4-4. Populations live in a variety of habitats, and change in those habitats affects the organisms living there.



Critical Vocabulary: These are terms that students should hear during the lesson. Interpretive specialists should review lesson plans and vocabulary before delivering a program, to make sure that they are able to interpret/explain these words and concepts.

Habitat	Macroinvertebrate	Nymph	Predators
Prey	Trout	Mayfly	Dragonfly
Leech	Parasite	Moult	Water quality
Pollution	Sensitive	Tolerant	Moderately tolerant