



Wonders of Water
Grade 7
Intermediate Program: Interactions in Water



Description:

Students will be using their inquiry skills to identify benthic invertebrates. They will also make conclusions about the balance of local ecosystems by comparing the biotic and abiotic elements. Students will work as a team to protect their local watershed from by-products of human activities by using the knowledge they acquire about ecosystems.

Curriculum Links - Grade 7 Understanding Life Systems: Interactions in the Environment

Overall Expectations:

1. Assess the impacts of human activities and technologies on the environment, and evaluate ways of controlling these impacts
2. Investigate interactions within the environment, and identify factors that affect the balance between different components of an ecosystem

Specific Expectations:

- 1.1 Assess the impact of selected technologies on the environment
 - 1.3 Use scientific inquiry/ research skills to investigate occurrences that affect the balance within a local ecosystem
 - 3.1 Demonstrate an understanding of an ecosystem as a system of interactions between living organisms and their environment
 - 3.2 Identify biotic and abiotic elements in an ecosystem, and describe the interactions between them
 - 3.8 Describe ways in which human activities and technologies alter balances and interactions in the environment
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Key Vocabulary:

Sustainability
Community

Biotic
Population

Ecosystem
Producer