

Anita Lippert

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Geology of Iowa Project

A) Description

My project is to develop a lesson where the students will test river samples for levels of pollutants to use in my Ecology class.

B) Objectives

- a. The students will learn how to test water samples for levels of pollutants.**
- b. The students will learn how to graph and analyze results.**
- c. The students will predict outcomes and effects on areas exposed to the river.**

C) Implementation

In the Ecology class there is a unit on water pollution. This activity will be used to show the students how to test for pollutant levels. They will take their measurements and graph them correctly. Then based on accepted "safe" values for these pollutants, write a report on the quality of the river. They will also be required to predict the effects on factors such as plant and animal life, humans, and industry on area exposed to the river both locally and downstream.