

Program Name: Groundwater Model from University of Wisconsin

Grade: High School

Objectives:

Students will learn:

- how water and toxins flow through differing gradients.
- flowage through confined and unconfined aquifers as well as the effects of pumping on these aquifers.

Description:

The Groundwater Model is an interactive classroom tool that is designed to show the flow of water and toxins through differing gradients. It can demonstrate:

- Cone of depression
- Principles of artesian flow
- Well interference effects
- Two directional flow to a river
- Rain recharge effects on contaminant depth
- and more.

Activities & Resources:

Teacher Manual

Groundwater Model Project, supplies, and carrying case.



SOL's:

ES G-8

Format and Requirements:

Teachers may borrow the conservation capsule (CC) for one or two weeks.