



# Watershed Model

Target Grade: Any

Students will learn about downstream pollution and how it affects local waterways through this interactive model.

## Format & Requirements

- A table or floor space will be required. Dimensions are approximately 2 x 2.5 feet.
- Demonstrating the Watershed Model generally takes 30 –45 minutes.
- The Watershed Model can be reserved as a conservation capsule.
- Hazardous Waste, Wetlands, Groundwater, and Landfill specific models are available upon special request.
- Model should be washed and thoroughly dried immediately after use.

## Activities & Resources

- Conservation Capsule format includes an Enviroscape Handbook with lesson plan.
- All necessary elements are included.

## Standards of Learning

### Science

K.5 The student will investigate and understand that water flows and has properties that can be observed and tested.

K.10 The student will investigate and understand that materials can be reused, recycled, and conserved.

1.8 The student will investigate and understand that natural resources are limited.

3.10 The student will investigate and understand that natural events and human influences can affect the survival of species.

4.8 The student will investigate and understand important Virginia natural resources. Key concepts include a) watershed and water resources

6.7 The student will investigate and understand the natural processes and human interactions that affect watershed systems.

LS.12 The student will investigate and understand the relationships between ecosystem dynamics and human activity.

ES.9 The student will investigate and understand how freshwater resources are influenced by geologic processes and the activities of humans.



	<p>BIO.9 The student will investigate and understand dynamic equilibria within populations, communities, and ecosystems. Key concepts include d) the effects of natural events and human activities on ecosystems; and e) analysis of the flora, fauna, and microorganisms of Virginia ecosystems including the Chesapeake Bay and its tributaries.</p>
--	---