



Watershed Model

Target Grade: Any

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

<p>Format & Requirements</p>	<ul style="list-style-type: none"> • A table or floor space will be required. Dimensions are approximately 2 x 2.5 feet. • The Watershed Model is available as a presentation ranging between 45-60 minutes. • The Watershed Model can be reserved as a conservation capsule. • Hazardous Waste, Wetlands, Groundwater, and Landfill specific models are available, only in classroom presentation format. • Model should be washed and thoroughly dried immediately after use.
<p>Activities & Resources</p>	<ul style="list-style-type: none"> • Conservation Capsule format includes an Enviroscape Handbook with lesson plan. • All necessary elements are included.
<p>Standards of Learning</p>	<p>Science</p> <ul style="list-style-type: none"> • 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. • 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.