

**Interlocal Stormwater Working Group**  
**Sample of Water Quality Education Offerings from CCSWCD**  
**2007-8 School Year**

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<b>Adaptations</b>	<p>“Water Address”: Game about aquatic animals’ adaptations</p> <p>“Salt Marsh Players”: Role playing game of wetland adaptations</p>
<b>Cumulative Impact/ Pollution</b>	<p>“Marsh Mystery”: Students solve a mystery about bioaccumulation of a pesticide</p> <p>“Stormwater Stew”: Students actively participate in a story regarding stormwater pollution by adding pollutants to “rivers”</p>
<b>Hydrologic Cycle</b>	<p>“Incredible Journey”: Game where students are water droplets that travel to various locations the water cycle takes them</p>
<b>Hydropower</b>	<p>“Dam Debate”: Students participate as stakeholders in a mock town meeting about the construction of a new dam</p>
<b>Health</b>	<p>“Life &amp; Death”: Water borne diseases</p>
<b>Land Use Planning</b>	<p>“Plan to Protect”: Planning a town with water quality in mind</p>
<b>Macroinvertebrates</b>	<p>“Benthic Bugs &amp; Bioassessment”: Students conduct a bioassessment using “macroinvertebrates” and analyze findings to determine water quality of in-class “streams”</p>
<b>Pollution/ Buffers</b>	<p>“Build a Buffer”: Build a model to learn about buffers &amp; impervious surfaces and how each affects pollution and runoff</p>
<b>Soil</b>	<p>“Nature’s Filter”: Filtering capacity of different soils (*only available when ground is thawed*)</p> <p>“Soil Samplers”: Testing soil for nutrients, plant suitability, etc.</p>
<b>Water Quality</b>	<p>“What’s Your WQ?”: Water quality parameters: presentation &amp; testing in classroom or outdoors</p> <p>“Bugged Out!”: Macroinvertbrates (water bugs) activity &amp; outdoor testing</p>
<b>Watersheds</b>	<p>“Creating Contours”: Topography, contour lines, and assembling a watershed using Playdough &amp; other materials</p> <p>“Branching Out” – water systems’ branching patterns, building a watershed with tin foil, predicting the path of water &amp; pollutants</p>