



## **Water Conservation & Watershed Education Program**

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The Water Conservation & Watershed Education Program has been designed to help students to understand:

1. What is a watershed. Students explore the watersheds in the area of their residence, the connections between the watershed protection and the water they use, understand a variety of concepts related to water use and their own impacts on the watershed.
2. How does the water come from the actual waterbody to their faucet. Students will understand the ways their local waterbodies are connected and the flow direction of water.
3. How we measure the quality of water. Students gain knowledge on potable water treatment and distribution, water quality parameters including basic chemistry, contaminants that may be present in source water, wastewater collection and treatment, water quality protection and enhancement.
4. Water efficiency. Several activities are used in order to motivate students to respect water and its place in the world. For example students find how much water a faucet that loses 25 drops per minute would waste in one day, by using a drip calculator, complete a water use table and learn how to fix leaks in their home.