

## **Water Sustainability: Water, Water Everywhere and not a Drop to Drink**

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### **Synopsis**

Our water resources are not as plentiful as they seem. Many conditions affect our water resources such as climate change and overpopulation of humans. We take this precious resource for granted and assume that just because we take showers, wash our clothes and cars, and get a cup of water to drink anytime we want it, we don't need to be concerned. My purpose for creating this unit is to teach the human impact concept of the ecology unit. My goal is that students will understand the importance of natural resource and sustainability, specifically water. I want students to experience how we affect our environment and exercise problem solving abilities for water conservation. I hope to raise awareness of the negative impact (misuse) of our resources and the importance of sustainability. The students will know the differences between renewable and nonrenewable sources and examples of each, the many uses of water and how water resources can be managed to meet human needs. Students will create solutions by way of case studies to demonstrate what they have learned about water and sustainability. Students will perform community service and raise awareness of the importance of water as a resource and our impact and what can be done to sustain it.