

**Wasting Water is Weird – A Lesson in Water Conservation**  
**Middle School Description and TEKS Overview**  
**1 ½ - 2 hours in Length**  
**Inside/Outside**



During this lesson students learn that water is a non-renewable resource and make informed choices regarding the conservation of water. Students participating in hands-on activities that focus on the urban water cycle process and human water consumption students will be shown. The identification of nitrogen, phosphorous, and sulfur found in waste water and its effect on the ecosystem will be discussed. Students will participate in a model of the urban water cycle, predicting the effects of water usage in the future and how their use of water can be a factor.

**6<sup>th</sup> Grade TEKS**

- Use models to represent aspects of the natural world (3.B)

**7<sup>th</sup> Grade TEKS**

- Use models to represent aspects of the natural world (4.B)
- Identify that organic compounds contain carbon and other elements such as hydrogen, oxygen, phosphorus, nitrogen or sulfur. (6.A)
- Model the effects of human activity on groundwater and surface water in a watershed. (8.C)

**8<sup>th</sup> Grade TEKS**

- Use models to represent aspects of the natural world (3.B)

