



Wasting Water is Weird – A Lesson in Water Conservation
4th & 5th Grade 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 after participating in hands-on activities that focus on the urban water cycle process and human water consumption. 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.

4th Grade TEKS

- Make wise choices in the use and conservation of resources and the disposal or recycling of materials (4.1B)
- Construct simple graphs to examine and evaluate information (4.2E)
- Analyze, review, and critique scientific explanations (4.3A)
- Predict and draw conclusions about what happens when part of a system is removed (5.5B)

5th Grade TEKS

- Make informed choices in the conservation, disposal and recycling of materials. (1.B)
- Develop a model that represents how something works or looks that cannot be seen (3.C)
- Predict the effects of changes in ecosystems caused by living organisms, including humans (9.D)

