

Water You Know

- Conservation
- Grades 2-5
- 60 minutes

This workshop fits well with 4th grade Washington State studies and 5th grade studies on landforms and FOSS environment kits.*

Students learn where their water comes from, compare water-use behaviors and participate in a water-conservation game. The lesson is customized for different grades, allowing students to use their math skills and build on what they have learned about water in previous years.

Key lesson messages:

- Where drinking water comes from
- How water is used and wasted
- Why conservation is important
- How actions impact the environment



"The message was fabulous! It matches our water cycle and water conservation curriculum for 3rd grade."

-3rd grade teacher

"The workshop is valuable because it connects our Land and Water science unit with water conservation issues."

-4th grade teacher

**Full Option Science System developed at the Lawrence Hall of Science, University of California at Berkeley.*

Register Today!

Our workshops teach science concepts and connect students to water conservation and environmental issues.

We come to you!

Our workshops are presented in your classroom.

The workshops support Common Core, Next Generation Science Standards and Washington State K-12 Integrated Environmental and Sustainability Standards.



Dynamic presenters engage and excite!



Registration is on a first-come, first-served basis.

To schedule workshops, call 206-583-0655, toll free 1-800-227-0977 or email waterworkshops@triangleassociates.com

Workshops brought to you by the City of Everett and your local water provider.

HANDS-ON CLASSROOM



Water Conservation Workshops



FREE for elementary & secondary school students in Everett water service area schools:

- | | | |
|-----------------|----------------|--------------|
| • Arlington | • Lake Stevens | • Mukilteo |
| • Edmonds | • Lakewood | • Northshore |
| • Everett | • Marysville | • Snohomish |
| • Granite Falls | • Monroe | |

2016-2017 SCHOOL YEAR

Teacher Resources

www.everettwa.gov/teachers



4-1-1 on H₂O

- Conservation
- Grades 6-8
- 50 minutes

This workshop is a perfect introduction to units on ecosystems, natural resources, personal health and government issues.

Station activities using water!

Students learn about drinking water as they rotate through activity stations and wrap up with a trivia game. A student activity sheet is completed by each student during the period as an assessment tool.

Key lesson messages:

- Where drinking water comes from
- How water is used and wasted
- Why conservation is important
- How actions impact the environment



"This workshop provides students with a local perspective to our water unit. It encourages students to become active in water conservation."

-7th grade teacher

H₂O & I

Observation & Inquiry Lab

- Conservation
- Grades 9-12
- 50 minutes

This workshop connects with biology, chemistry and environmental systems design classes.

Requires lab stations with running water

Students conduct experiments to model the water filtration process. They learn how particles, viruses, bacteria and parasites such as *Giardia* are removed. Students use their findings to analyze their water-use habits.

Key lesson messages:

- Where drinking water comes from
- How drinking water is made safe for use
- Why conservation is important
- How actions impact the environment

"Thank you for coming! I would not have been able to design something this effective. The kids really seemed to learn from the experience and it helped an abstract process become more tangible."

-11th/12th grade teacher



"Hands-on activities were great and these advanced placement chemistry students just made alum crystals in the lab, so great connection for them."

-12th grade teacher

H₂O & Why

- Conservation
- Grades 9-12
- 50 minutes

This workshop is perfect for environmental science and social studies classes.

Students learn why a reliable source of water is important and how it supports their lifestyle.

Working in small groups, students explore evidence packets that illustrate historic and current water use. Then they use this evidence to create an energetic presentation for the class.

Key lesson messages:

- How the water system protects public health
- How the water system provides fire protection
- How the water system supports the economy
- How the water system impacts quality of life
- Why conservation is important



"It opened up some eyes to issues that many people don't think about. Most people in this country take clean water for granted."

-11th/12th grade teacher