

Water Resource Education: Secondary Schools

Let us help you achieve your classroom learning goals. We offer free hands-on water resource presentations with standards and benchmarks!



**Free services for teachers
of grades 6-12**



Albuquerque Bernalillo County
Water Utility Authority

www.abcwua.org



Free In-Class Presentations

- Can be booked to support APS science curriculum maps or throughout the school year
- Include hands-on, participatory activities
- Are customized to fit science courses
- Correlate to Standards and Benchmarks
- Correlate to new APS Science Curriculum maps, covering big ideas and essential questions
- Last about 45 minutes
- Can be used to support culminating products and performances
- Are FUN, INFORMATIVE, and FREE

Free Southside Wastewater Reclamation Plant Tours

Learn about the science of wastewater treatment!

For more information call Katie Babuska at (505) 975-0036 or Sharon Sivinski at (505) 768-3245.

Educational website with links and info:
www.abcwua.org

Presentation Curriculum:

Grade 6—Water Works: Students create a “water web” and discuss how it would be affected by drought or climate change. Extension: Draw and present a water web comparing wet years and drought.

Grade 7—There’s No Point to This Pollution: Students learn about nonpoint source pollution and cumulative impacts. Extension: Write a pamphlet or commercial to help us “Keep the Rio Grande!”

Grade 8—Early Runoff: Students investigate the effects of dirt on snow to see if it may impact spring runoff. Extension: Make a map or model of your plans to help us capture early spring runoff water.

Biology (Column A)—Biodiversity is Grand: Play a game to learn how our decisions impact the biodiversity of our river. Extension: Write a futuristic short story about the river based upon the game.

Chemistry (Column B)—Water Mediation: Mediate a dispute between LANL and Dixon farmers to protect us and our water. Extension: Write a letter about nuclear policy to a politician who represents you.

Physics/Earth Science (Column C)—Calculate a Watershed: Make a mathematical model of a watershed/lake/dam system. Extension: Write and present a report describing and explaining the mathematical watershed model.

Environmental Studies—Pollution Detective: Students try to find the source of groundwater pollution using pH paper. Extension: Produce a Public Service Announcement teaching us how to protect our ground and surface water.

