



# Water Resource Center

## Classroom Visits - We come to you!

Let us bring FREE NGSS-aligned water lessons into your classroom! Our lessons cover topics related to the engineered water cycle.

### Virtual Wastewater Reclamation Facility Tour

Take a short walking tour of the Spokane County Water Reclamation Facility to learn about the incredible engineered process that transforms dirty wastewater into three reusable products: clean water, bio-solids and energy.

**DCIs:** ESS3.C, ETS1.A, ETS2.B

**Science & Engineering Practices:** Asking Q's, Defining Problems, Constructing Explanation, Designing Solutions

**Crosscutting Concepts:** Systems and System Models, Energy and Matter: Flows, Cycles, and Conservation, Structure and Function

### Aquifer Manager

Using an aquifer model, students work together to manage groundwater wells on their property. Students will apply critical thinking to adapt to changing conditions including climate change, drought and population growth. Students will understand how conservation can be applied to manage resources wisely.

**DCIs:** ESS3.C, ESS3.A, ESS2.C

**Science & Engineering Practices:**

Developing and Using Models, Engaging in Argument from Evidence

**Crosscutting Concepts:** Cause and Effect, Energy and Matter: Flows, Cycles and

Conservation, Scale Proportion and Quantity

### Water Science Career Presentation

Water Science is a fun and rewarding career with growing demand. A Water Scientist from the Spokane County Water Resource Center will visit your classroom to share water career pathways. After a presentation students can have an informal Q & A with questions they've prepared.

## Request your classroom lesson online!

**Sign-up:** <https://bit.ly/3eKseup>

We will try our best to accommodate your date preferences and schedule. We recommend coordinating with other classrooms in your grade-band so that our educator can visit several classes in one visit!

### Questions?

Contact Laura: 509.477.7258 | [lgoff@spokanecounty.org](mailto:lgoff@spokanecounty.org)

## Grades 6 - 8

**50 minutes**

We bring Water Education to YOU with interactive models and dynamic presentations.



**Spokane County**  
Water Resource Center