



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 local water cycle – the Spokane Valley-Rathdrum Prairie Aquifer, wastewater treatment process, aquatic ecosystems, water conservation and more!

The Incredible Journey

Transform into a water droplet and take an incredible journey through the water cycle to learn where water can be found on earth and how it changes states.

NGSS Alignment

DCIs: PS2.C, ESS2.A, ESS2.C

Science & Engineering Practices: Developing and Using Models

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

Balance Your Aquifer Budget!

Using an aquifer model, students will explore how human use, population growth and seasonal precipitation patterns impact aquifer.

NGSS Alignment

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

Science & Engineering Practices: Developing and Using Models, Defining Problems

Crosscutting Concepts: Systems and System Models, Cause and Effect

You Are What You Eat!*

**Requires gym or outdoor space to run.*

Through an interactive ecosystem game, students take turns role-playing animals and plants in the Spokane River food web to illustrate how energy and pollution can accumulate in the food chain.

NGSS Alignment

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

Science & Engineering Practices: Developing and Using Models

Crosscutting Concepts: Cause & Effect, Systems and System Models, Energy and Matter: Flows, Cycles, and Conservation.

Flush to Finish & What Should You Flush?

Take a virtual tour of the Spokane County Water Reclamation Facility to understand how dirty wastewater is transformed into clean water, compost and energy. Then, make a hypothesis and do an experiment to see what materials can be flushed down the toilet.

NGSS Alignment

DCIs: ETS2.B, PS2.C, ESS3.C

Science & Engineering Practices: Asking Q's, Defining Problems, Developing and Using Models, Planning and Carrying out Investigations

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

Grades 3 - 5

45 minutes

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



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



Spokane County
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