



Water Resource Center

Wild about the Water Cycle Field Trip!

A field trip to the Water Resource Center is a fun way for students to learn all about water. Students rotate through three hands-on, NGSS-aligned water activities focusing on our local, natural and human water cycle and the Spokane River Watershed.

Sample Field Trip Activities

The Incredible Water Journey

Transform into a water drop 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

Know your Aquifer

Learn about groundwater! Using an aquifer model, students play a game to explore how human use and conservation impacts our local Aquifer.

NGSS Alignment

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

Science & Engineering Practices: Developing and Using Models

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

Drippy's Journey Down the Drain & What Should You Flush?

Follow Drippy the water drop as he takes a journey through the wastewater reclamation process, eventually ending up in the Spokane River. Then, conduct an experiment to see what materials can and cannot be flushed down the toilet.

NGSS Alignment

DCIs: LS1.C, ESS3.A, ESS3.C

Science & Engineering Practices: Asking Q's, Defining Problems, Developing and Using Models, Analyzing and Interpreting Data

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

Stormwater Maze

Students will take turns playing the part of stormwater and pollutants as they navigate through a life-size stormwater maze. Students will explore how humans can reduce pollution in their communities.

NGSS Alignment

DCIs: LS1.C, ESS3.A, ESS3.C

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

Crosscutting Concepts: Cause and Effect, Systems and System Models

Go with the Flow!

Explore erosion and deposition with a hands-on stream table. Students will test solutions to reduce erosion.

NGSS Alignment

DCIs: ESS2.A, ETS1.C

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

Crosscutting Concepts: Systems and System Models

What is a Watershed?

Make a watershed model to understand how snow in the mountains replenishes waterways in the Spokane Valley-Rathdrum Prairie Aquifer.

NGSS Alignment

DCIs: ESS2.C

Science & Engineering Practices: Developing and Using Models

Crosscutting Concepts: Systems and System Models, Scale, Proportion and Quantity

Grades 1 - 2

2 hours

Sign-up online:

www.spokanecounty.org/FieldTripRequest

Questions? Contact Toni
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Spokane County
Water Resource Center