

Dear Educator,

We drink it, bathe in it, flush it, swim in it and more. Water is an integral part of a student's everyday life. In the upcoming decade, water will become one of the most discussed, relevant, and controversial topics in our lifetime. Students will want and need to understand the importance of water quality and its health impacts, water availability, water use and how we must take care of this precious resource.

Bring water to life today with fun and fascinating classroom programs and field activities.

Explore Boulder Creek and St. Vrain Watersheds with your students through our GET TO KNOW YOUR H<sub>2</sub>O water education program. Our programs are designed to meet Colorado Model Content Standards for Science.

For more information, visit our web site at [www.basin.org/wash](http://www.basin.org/wash)

Give us a call!



Meet H<sub>2</sub>O Jo & Flo  
our new water ambassadors

# Get To Know Your H<sub>2</sub>O EDUCATION PROGRAM HIGHLIGHTS

Sign up for hands-on classroom programs and field activities with local water experts



## GRADES K-5

### Rain, Rain Go Away? (K-5)

Gather 'round an interactive model to discover the journey rain takes in an urban environment. Students discover how people impact waterways in an urban environment. They observe how water pollution occurs, identify typical urban contaminants, and understand their part in preventing stormwater pollution.

### Home Sweet Habitat (K-5)

Plants and animals play a key role in and around our local waterways. Students will observe and describe various components of a riparian ecosystem and will learn about local plants and animals that rely on clean water for survival.

### We're All Downstream (4-5)

Did you know someone else uses your water both before and after you? In this activity, students design their own creek side property through illustration and then demonstrate how people contribute to the pollution of a creek as it moves through a watershed. We'll conclude with a discussion of ways to reduce pollution.

### Watershed In Your Hand (4-5)

A watershed is an area of land that drains into a stream or lake. Everyone lives in a watershed, and most of us live near a stream. In this classroom activity, students create a miniature watershed and learn about the basic geography of a watershed, how water flows through the system, and the impact people have on water quality.

### Something's Fishy In The Creek (4-5)

Students take turns dumping "pollution" sources into a mock creek and learn the consequences of such action.



## GRADES 6-12

### Mapping Your Shed (6-12)

Using local maps, students will identify the headwaters, tributaries, storm drains and other important features of their local watershed. This activity ties water into your local community and shows students how to better understand maps.

### Get to Know your H<sub>2</sub>O! (6-12)

Where does our water come from, and where does it go after we use it? We turn on the tap, drink it, bathe in it, flush it, let it drain and more. Students will learn about local water resources from source to tap and beyond in this 45-minute interactive slide show presentation.



We did a statistical count of bugs living in the creek water. It was really cool to learn that bugs help us know if the water is polluted or not.

- 7th Grader



## GRADES 4-12 FIELD ACTIVITIES

### Stream Sleuth (4-12)

Students observe, describe, and investigate a riparian ecosystem through hands-on investigations at local creeks.

### Macroinvertebrates (4-12)

Dive into stream biology and learn about water quality. Collect, observe, identify and tally aquatic insects and determine water quality of a local creek, lake or pond. This program requires a minimum of 1-1/2 hours.

### Water Talk (4-12)

Let students become a water quality expert for a day! Use scientific equipment to measure various physical, chemical and biological parameters of a creek, lake or pond near your school. This program requires a minimum of 1-1/2 hours.

### Storm Drain Stenciling (6-12)

Stormwater can contain oil, pet waste, trash, fertilizer, pesticides and more. Did you know? Storm drains lead straight to local waterbodies. Help curb stormwater pollution! By participating in a storm drain stencil project, students stencil storm drains in their neighborhood to raise awareness about water pollution. This program requires a minimum of 1-1/2 hours.



Easy on-line registration at [www.basin.org/wash](http://www.basin.org/wash) or call 303-413-7365

# Creek Critters PUPPET SHOW

Our standing room only favorite for K-3

Join Jasmine and the lively cast of characters on their adventures to learn why clean water is critical to wildlife and people. Student explore how they can help keep our water healthy.

Creek Critters Puppet Show was a class highlight. It was the perfect forum to teach students about the ecological systems right in our backyard.

- 3rd Grade Teacher

## CUSTOM CLASSES

Already doing a unit on water? We provide experts, materials, educational kits and more to your classroom, bringing the subject of water to life. We can adapt resources and sessions just for your class needs. Call us if you need information or resources on water.

Call the WASH Education Program

**303-413-7365**

[www.basin.org/wash](http://www.basin.org/wash)



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**CLASSROOM PROGRAMS & FIELD ACTIVITIES with WATER EXPERTS**  
for GRADES K-12 - Open here for program descriptions!

**WASH Education Program**  
4049 North 75th Street  
Boulder, CO 80301

**FREE!**

**Meets District Standards**

Add a splash  
of science to your  
students' day!

Get to know your H<sub>2</sub>O

*Fun, fascinating classroom programs  
and field activities offered year-round.*

- ✓ Outstanding 30-45 minute classroom programs
- ✓ Captivating puppet show for K-3
- ✓ Engaging field activities with water experts
- ✓ Community Service/Service Learning project opportunities
- ✓ Teacher workshops

Science Biology Ecology Chemistry  
Watershed Models