

## Upper Clark Fork Teaching Trunks

What does it mean for Western Montana students to be citizens of the Clark Fork Watershed? These trunks explore the watershed's science, history and people. They are now available through the Clark Fork Water Education Program. Please contact them for information at: [www.cfwep.org/](http://www.cfwep.org/) or (406) 496-4832.

### Science Trunk Grade Level: 4-8



### Social Studies Trunk Grade Level: 6-12

## Water Quality Test Kits

Montana Watercourse works with volunteer water monitoring groups to support water quality efforts by loaning Hach and LaMotte water testing kits and other monitoring equipment. Please contact our office to discuss your needs.



## How to Reserve A Trunk

Reservations are accepted on a first-come, first-serve basis. Trunks are loaned out for a three week period (which includes shipping time). More time can be arranged if needed.

### Cost

Scholarships for free rentals are available each year. Please inquire. Otherwise, trunks are \$25 per rental or \$10 if you pick them up in Bozeman.

Montana Watercourse ships the trunks, and the user pays the return postage or delivers the trunk to the Montana Watercourse office. Educators are encouraged to circulate the trunks between neighboring schools.

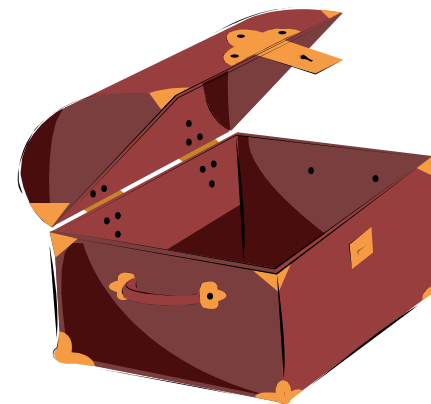
See more about the trunks on the web at: [www.mtwatercourse.org/Educators/trunks.htm](http://www.mtwatercourse.org/Educators/trunks.htm)

### **Mail, phone or email your request to:**

The Montana Watercourse  
Montana State University  
Room 332 Culbertson Hall  
P.O. Box 170575  
Bozeman, MT 59717-0575  
(406) 994-6671  
[mtwatercourse@montana.edu](mailto:mtwatercourse@montana.edu)

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# Educational Trunks

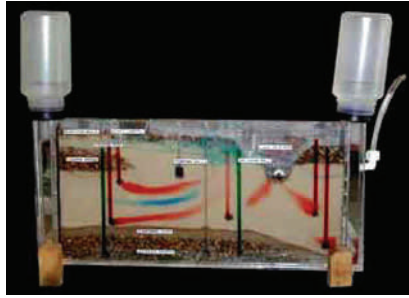


For use by Montana educators, including private and home schools, Scout and 4-H leaders, interpreters, outdoor educators, naturalists, after-school programs, camps and others interested in teaching about water.



## Ground Water Flow Trunk

The Ground Water Flow Model is a popular and easy-to-use teaching trunk that visually demonstrates ground water concepts. The model is constructed of clear plexiglass allowing observers to watch water and contaminants as they move through underground rock and soil formations and interact with wells. The model enables students to learn about recharge, porosity, permeability, water tables, confined and unconfined



aquifers, contamination, and other important ground water concepts. This wheeled trunk includes a model, users' guide and video—everything needed to conduct a ground water education class or workshop.

**GRADE LEVEL: K-12**

## Montana Liquid Treasure History Trunk

What was it like to live in Montana during the Dust Bowl years of the 1930s? To live in a one-room sod house with no running water or indoor plumbing? To carry water in a buffalo bladder? These events and circumstances helped shape Montana and its people. Using hands-on objects, unique historical artifacts, role playing skits and an outstanding collection of photographs, The Montana Liquid Treasure History Trunk brings water history alive in your classroom.



**GRADE LEVEL: K-12**

## Stream Ecology Trunks

### Introductory



The Stream Ecology Trunk contains everything needed to conduct an introductory investigation of biological and physical components of local waterways. Dip nets, trays, invertebrate guides, stream flow measuring equipment (including a rubber ducky), instructional videos and much more.

**GRADE LEVEL: K-6**

### Advanced

In addition to everything in the Introductory Trunk, this trunk includes a Hach test kit for testing chemical parameters, such as dissolved oxygen, pH, biochemical oxygen demand (BOD), temperature, total phosphorus, nitrate, and transparency.

**GRADE LEVEL: 6-12**



## Pond Trunk

Do you want to explore a nearby pond or wetland? The Pond Trunk introduces students to wetland and pond ecosystems. The trunk makes it easy for you to teach about plants and animals that inhabit the wetlands. Every Pond Trunk comes equipped with: Four Pond Trunk Activity Guides, pond floor puzzle, slide viewers, audio cassettes, videos, muskrat pelt, and many books, games, and activities.



**GRADE LEVEL: K-3**

## Enviroscape® Model

The Enviroscape® is a 3-dimensional model for demonstrating a variety of water and watershed concepts. A Users Guide provides background information, set-up instructions, specific activities to demonstrate pollution sources and best management practices, and suggested related activities. This unit includes: a colorful molded landscape top emphasizing non-point source pollution, trees, cars, buildings, pollution buffers and simulated pollutants. (An Economics curriculum incorporating social components, such as property rights and cost/benefit analysis is available upon request for middle and high school educators.)



**GRADE LEVEL: K-8 (+7-12)**

## Water Literature Trunk

This trunk contains books, books, books! Inside are books about water, science, history and culture. In fact, the trunk is so heavy, it cannot be shipped with all it's contents. You decide which sets of books you need, then let us know. We'll send those you ask for.

Books fit into these themes:

- Activities and Projects
- Lakes and Oceans
- Native America & History
- Pollution and the Environment
- Rivers and Streams
- Water & the Water Cycle
- Resources & References



Contact Montana Watercourse for a complete list of books, or view the list on our website: [www.mtwatercourse.org/Educators/trunks.htm](http://www.mtwatercourse.org/Educators/trunks.htm)

**GRADE LEVEL: K-5**