

Peak Area Leadership in Science

Professional Development Opportunities
for Secondary Science Teachers

Three Ways to RSVP:

- www.sciencehubs.org
- email: RSVP@sciencehubs.org
- call Tammy Johnnie at
(719) 337-1552

The Coldfire Project, Robo-Tree and Forests to Faucets

Saturday, October 11, 2025

Manitou Experimental Forest, 232 County Rd 79, Woodland Park.

Meet bus at Cheyenne Mountain JHS. Bus leaves at 8:15 am.

8:00 am – 3:15 pm (includes travel time)

Presented by:

The Manitou Experimental Forest, Steve Alton, Forester

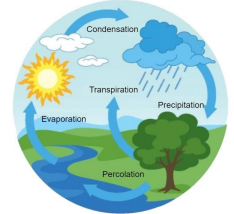
Jeffrey Ravage, Chief Science and Technology Officer, Coalitions & Collaboratives

Dave Barnard and Sean Gleason, Agricultural Research Service

Robin Walters, Master Biology Teacher and Hub Coordinator



The water cycle



Remember to Bring...

- Your science notebook*! & pen / pencil
- * PALS provides a free science notebook at your first meeting of the year!
- Your own sack lunch & water. We'll provide snacks.
- Appropriate dress for changing weather - layered clothing, hat, hiking shoes, raingear, sunscreen
- The actual time of the workshop is 9 - 2:30pm, equivalent to 5 contact hrs.



Bring your own lunch.
Snacks and Water are Provided.



[NOTE: There will be restroom facilities available.]

HIGHLIGHTS

- ➔ The Manitou Experimental Forest (MEF) is part of the USDA Forest Service Rocky Mountain Research Station.
- ➔ Discover how Coldfire leverages the natural systems that the forest uses to recycle biomass- fungal decay.
- ➔ Learn how mycoremediation, the use of fungi, can aid in healing our planet.
- ➔ Experience the 'From Forests to Faucets' CSU STEM Kit.
- ➔ Explore different aspects of the water cycle.
- ➔ Measure infiltration and runoff in forested and burned trials.
- ➔ Analyze how precipitation patterns cause water scarcity.
- ➔ Door Prizes and/or Teacher Materials

This workshop is made possible by GENEROUS funding from the
The Mikkelson Education Fund...

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to Improve Technical Knowledge and Skills

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Peak Area Leadership
in Science
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www.sciencehubs.org

Photo at top provided by Rose DiCenso.

Under the conditions of our liability insurance, children of participants may not attend Hub meetings or activities.

PLEASE – If you sign up for this trip and have to cancel, contact TAMMY asap. – **PLEASE**
Space on the trip is limited and there are admissions & transportation costs with this trip.