

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



Snow Science Workshop



Saturday, March 10, 2018

Meet Bus at Cheyenne Mountain Junior High School at 7:15 am

Bus departs PROMPTLY at 7:30 am Returns ~ 4:30 pm

We will travel to Mueller State Park and the Cripple Creek Area.

Tracy Jackson & Sam Hinkle, Catamount Institute (www.catamountinstitute.org)



Highlights:

Easily repeatable lab activities focused on SNOW !

- snow crystallization and layering
- mashed potato avalanches to study angle of repose
- dissection of frozen ice cores and data analysis

Snowshoe hike (**up to 2 miles!**) with the lead Environmental Reclamation Specialist from the Cripple Creek and Victor Gold Mining Company (snowshoes provided)

- travel through one of the mine's buffer zones
- look at animal signs and tracks to assess winter animal populations
- explore core samples of the snow pack



Whether you teach biology, physics, chemistry, or earth science, you will enjoy our "cool" snow science lessons and will be set to share them with your students.

Don't miss this opportunity to:

- expand your knowledge of science content, teaching pedagogy, and/or enjoyment of all things science!
- earn college credit or document professional development clock hours.
- network with other Pikes Peak Region science teachers.
- acquire new resources and/or walk away with teacher materials.



**SNACKS &
WATER /
POP
PROVIDED**



* PALS provides a free science notebook at YOUR first meeting of the year !



This workshop is possible because of GENEROUS funding

**FOUNDATION
MIKKELSON**

and The Mikkelson Education Fund

*Providing Support for Teachers
to Improve Technical Knowledge and Skills*

Find us on



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www.sciencehubs.org

In compliance with Colorado School of Mines regulations, children of participants may not attend Hub meetings or activities.

Photo at top provided
By Rose DiCenso