

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

Firearms Science and Archery



Saturday, December 2, 2017

Colorado Parks and Wildlife

4255 Sinton Rd, Colorado Springs, CO 80907

8 am – 2:00 pm - 5:30* pm



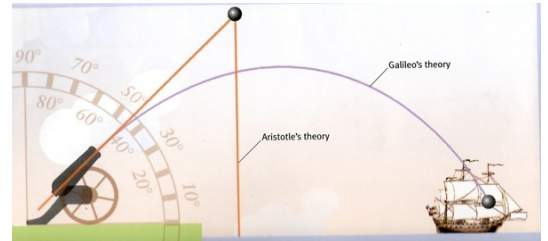
John MacFarlane, Physics Teacher and Firearms Instructor

Tracy Predmore, CPW Southeastern Region Education Coordinator

** at 2 pm interested participants will carpool to new location for outdoor firearms demonstrations*

Highlights:

- Learn about basic archery and use a bow and arrow to hit a target
- become aware of resources from CPW
- explore projectile motion using a marshmallow shooter
- learn about the science of firearms – their structure and how they work
- observe demonstrations of physics principles in action at a shooting range (this component is optional, participants who do NOT attend this part of the workshop will earn only 5.5 clock hours and 0.25 sem credits toward CSM credits)



Bring the following items:

- lunch
- your science notebook
- if you are going to the shooting range, wear appropriate clothing

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



**SNACKS &
WATER / POP
PROVIDED**



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.



This workshop is possible because of
GENEROUS funding provided by:

**FOUNDATION
MIKKELSON**

and The Mikkelson Education Fund

Providing Support for Teachers

Find us
on



Search for Peak Area Leadership in Science
We post professional development
opportunities through our Facebook page!

Check out our website at
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.