

# Peak Area Leadership in Science

Professional Development Opportunities  
for Secondary Science Teachers

## Three Ways to RSVP:

- [www.sciencehubs.org](http://www.sciencehubs.org)
- email: [RSVP@sciencehubs.org](mailto:RSVP@sciencehubs.org)
- call Tammy Johnnie at  
(719) 337-1552

# The Many Sides of Soil Science

## Saturday, May 2, 2026

CSU Extension, 17 N. Spruce St., Colorado Springs

8:30 am – 2:00 pm

Presented by:

Allisa Zurbuchen, Horticulture Specialist, El Paso County

Sue Wright, Colorado Master Gardener Volunteer



## HIGHLIGHTS

- ★ Soil overview & classification
- ★ Soil **Physics**
  - How soil is made
  - Soil horizons, soil texture testing
- ★ Soil **Chemistry**
  - Testing for pH, nitrates, phosphates, ions
  - N cycle
- ★ Soil **Biology**
  - Microorganisms
  - How organic matter gets broken down
  - Vermicomposting
- ★ Teaching Resources
- ★ Door Prizes and/or Teacher Materials



## Remember to Bring...

- Your science notebook!\* Pen or pencil
- Quart size bag of your soil - not top layer, screen out chunks/rocks
- Personal safety goggles, if you prefer
- Any personal items you may need during the meeting.
- Your Lunch

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



**SNACKS &  
WATER / POP  
PROVIDED**

**Bring your own lunch.**



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

# FOUNDATION MIKKELSON

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

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**Peak Area Leadership  
in Science**

Check out our website @  
[www.sciencehubs.org](http://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 hub meeting and have to cancel, contact TAMMY asap. – **PLEASE**