

# 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

## Computational Thinking in the Science Classroom

**What is it? And how do I get my students doing it?**

While computational thinking is not a new term, its inclusion in K-12 science standards has led to confusion about what the term means in the context of science learning and to questions about how to differentiate computational thinking from other commonly taught cognitive skills like problem solving, mathematical reasoning, and critical thinking.

### Saturday, November 15th, 2025

Coronado High School - 1590 W Fillmore St, Colorado Springs 80904

8:30 am – 2:00 pm

Presented by:



**Tim Blesse** - Teacher Programs Consultant, Denver Museum of Nature and Science

### Remember to Bring...

- Your science notebook\*! And pen or pencil.
- Any personal items you may need during the meeting. (the temperature in the building is highly variable)



[NOTE: There will be restroom facilities available.]

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



**SNACKS &  
WATER / POP  
PROVIDED**

**Bring your own lunch.  
(a microwave is available)**



### HIGHLIGHTS

- ★ Propose a definition of computational thinking
- ★ Explore and practice using a framework for its operationalization in K-12 science
- ★ Model and deconstruct exemplar lessons grounded in Mind and Brain learning theory and Research into Computational Thinking
- ★ Time to apply this new learning to your specific lessons and units
- ★ Teaching Resources
- ★ Door Prizes and/or Teacher Materials

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**

Find us on & Like

Search for  
**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**