

# SASP SUMMER INSTITUTE

JUNE  
19-22



- NGSS
- Sense-making
- Literacy



Sacramento Area Science Project

**June 19-22, 2018**



Tuesday - Friday  
**8:30am - 3:30pm**  
Sacramento State



**\$600** per teacher OR  
**\$520** per teacher if group of 2+  
more from the same school  
*2.4 Continuing Education Units (CEUs)  
available for additional \$150*



Sign up by: **May 31st**  
(\$25 late fee after that date)



For more info & to register, visit:  
[www.sasp-science.org/sasp-summer-institute](http://www.sasp-science.org/sasp-summer-institute)

## WHO

All K-12 **teachers of science!**

## WHY

Deepen your knowledge of the **Next Generation Science Standards**.

## WHAT'S NEW

Everything! We create **all-new content** every year. Each day, attend a **core course**, choose an **elective workshop**, and experience a **science lesson** from your grade — all newly designed and different from last year's.

## INSTRUCTORS

All instructors are **university faculty** and experienced Sacramento Area Science Project (SASP) **teacher leaders**.

### CORE courses:

- *Classroom Shifts in Instruction with NGSS*
- *The Role of Investigations in the NGSS Classroom*
- *Using Phenomena in NGSS Instruction*
- *Beyond a Checklist: What Does It Take to Teach Like This?*

### ELECTIVE workshops:

- *The Fundamentals of NGSS (for newbies!)*
- *How to Integrate the Crosscutting Concepts*
- *What the Phenomena-Question-Model Framework Looks Like in the Classroom*
- *Supporting Science Learning with Purposeful Reading*
- *Establishing a Classroom Culture for Sense-Making*
- *Promoting Equity in Science Classrooms via the (W)holistic Science Pedagogy*
- *Designing NGSS Lesson Sequences*
- *Critical Thinking Through Engineering*
- *University Astronomy & Biology Workshops*
- *Collaborative Independent Study*

### SCIENCE lessons:

- Three strands (Elementary, Middle, and High School) covering science content in:
  - Earth & Space Science
  - Life Sciences
  - Physical Sciences
- Aligned with NGSS & CCSS



Questions? Contact Debbie Dennick at [debbie@csus.edu](mailto:debbie@csus.edu) or 916-278-4497