



## CAL-MSCS SCIENCE PRIORITIES

Building Educator & Leader Capacity in Science

Strengthening Connections between Families, Educators & Community Partners

Supporting Science Educator Retention

Creating Cross-Content Collaboration Opportunities

# CAL-MSCS Science Professional Learning Scope & Sequence 2024/25

## Culturally Responsive Teaching & The Brain : Virtual Book Study

**Registration Coming Soon** (*flexible involvement opportunities and capacity*)

To support teams to use the magic of science to strengthen authentic connections between families, educators, students, and partners, November SCOP participants will receive a copy of *Culturally Responsive Teaching and The Brain* by Zaretta Hammond. A breakout session will connect core principles from the book to asset-based science instruction and relationship building, and a guided book study will launch in January 2025 to continue this work. The book study will require registration, but be open to all.

## Cross Content Collaboration Professional Learning Prototype

Multidisciplinary teams of COE, district, school and classroom leaders, along with field experts, are prototyping a meaningful-context/phenomena-based professional learning structure with the goal of elevating cross-content connection and MSCS integration. At each in-person SCOP convening, participants will have opportunities to learn about and workshop the emergent materials and resources from three prototypes which will occur in San Diego and Fresno (fall 2024) and San Joaquin (spring 2025). All final materials and resources will be shared via CAL-MSCS and the NGSS Collaborative in service of statewide dissemination and use.

## Upper Elementary Science Professional Learning with CA NGSS Collaborative

CAL-MSCS Science will develop science professional learning modules for elementary teachers along with facilitation guides for professional learning providers. Once vetted, all materials will be distributed for use statewide through CAL-MSCS and the NGSS Collaborative. SCOP participants will have opportunities to engage with these materials during the spring 2025 in-person convening.

## In-Person Science COP: May 2025

**Registration Info Forthcoming** (*May 19-20, 2025*)

The spring in-person SCOP convening (registration required) will take place in San Diego, with immersive science learning experiences, field trips to nearby science class-rooms, sessions led by local implementation teams from across the state, culminating presentations, and more.

CAL-MSCS Science will also publish a quarterly newsletter and facilitate **Trending Tuesday** sessions throughout the year.