



# CSTA Position Statement on STEM Career Pathways

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The California Science Teachers Association is committed to supporting and advocating for initiatives that enhance quality science teaching and the preparation of a literate and diverse workforce in the areas of science, technology, engineering, and mathematics (STEM).

CSTA urges:

- ❖ legislation and other initiatives that encourage individuals to pursue careers teaching science, engineering, technology, and mathematics subjects.
- ❖ state education policy makers to create multiple pathways for preparing students of all ages to pursue STEM careers.
- ❖ the development of effective curricula and pedagogy that appropriately integrate science and career technical skills.
- ❖ opportunities for teachers of STEM subjects to work with businesses and industry to gain practical understanding of the application of science, technology, engineering and mathematics in real-world settings.
- ❖ the development of incentives that would encourage teachers of STEM subjects to remain in teaching rather than pursue careers outside of education.
- ❖ the inclusion of a definition and the importance of STEM career pathways as an integral part of the California science framework.

Adopted by CSTA Board of Directors March 9, 2009