

STEMACES

Science Technology Engineering Math And Computer Education Success

Join a California and Texas program that employs an innovative educational model called STEMACES in rural 8th grade science classrooms.

Founded in computational thinking, STEMACES aims to prepare students for an increasingly technological world.

Hands-on interactive classroom activities designed to increase **students' science learning and teacher success.**

The STEMACES program incorporates elements of the evidence-based STEM+C curriculum Learning by Making (LbyM) that was developed for rural students in California, including:

- Professional Learning Summer Institute led by WestEd in Summer of 2025
- Materials (modular guides, teacher materials, and kits of breadboard, wires, and tools)
- Ongoing responsive teacher support
- Virtual Professional Learning Community sessions

The **U.S. Department of Education** is funding Sonoma State University, Angelo State University and WestEd to rigorously examine the impact of the STEMACES program on 8th grade student achievement in science during the 2025-2026 school year. Additionally, the research will investigate questions pertaining to:

- The use of computational thinking in the classroom
- The effectiveness of STEMACES teacher professional learning
- The importance of supporting teachers in implementing the program

Eligible teachers will be compensated for their participation in the program!

All 8th grade science teachers who are new to STEMACES are eligible to participate.

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Contact:

For more on the program, please visit our STEMACES webpage: lbym.sonoma.edu/STEMACES

To request more information or sign up, please use the **STEMACES Interest Form**



The Redwood Coast K16 Educational Collaborative is supporting STEMACES with outreach and recruitment to schools in Del Norte, Humboldt, Lake and Mendocino Counties.