



# 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 8<sup>th</sup> 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 8<sup>th</sup> 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 8<sup>th</sup> grade science teachers who are new to STEMACES are eligible to participate.*

**SONOMA STATE**  
UNIVERSITY



**Contact:**

For more on the program, please visit our STEMACES webpage: [lbym.sonoma.edu/STEMACES](http://lbym.sonoma.edu/STEMACES)

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



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