

# C-STEM Program

The C-STEM Program engages students through integrated learning of math and CS with hands-on coding and robotics.

*How are we different?*

## Learning math is fun!

The C-STEM Program empowers educators to confidently integrate technology into their classrooms while maintaining a focus on the objectives and standards that they currently teach.

## Math concepts come alive!

Technology is used as a tool to help students see the abstract become concrete, while expanding critical thinking skills and the ability to apply mathematical standards in real-world situations.

For at-promise and gifted students alike, the C-STEM program can significantly increase math performance

*The math scores for students of our 35 C-STEM teachers were 10% higher in 2021-2022. The C-STEM program is now the BEST FIRST Math Instruction for many of our students. We are very excited about our experiences and the successes we are having with C-STEM. C-STEM is a game-changer. I really mean it!*

Mauricio Arellano, Superintendent, Redlands USD

# Professional Development

*Simply the best staff development training I have ever been to. In my experience, practicing classroom teachers always give the best advice, and the UC Davis C-STEM program offers this.*

Doug Obrigawitch, Math Teacher and Department Chair, Manteca USD



## NO CODING EXPERIENCE NECESSARY!

C-STEM has over a decade of experience in providing professional development for K-12 teachers, including those without any prior coding experience!

Our on-site training is tailored to fit each school & district's professional development needs.

We offer an opportunity for teachers to earn a **Computer Science Supplementary Teaching Credential Authorization** from a partnership between UC Davis and UC Riverside Extension.



## K-12 Math-ICT Curriculum

### UC-APPROVED EDUCATIONAL PREPARATION PROGRAM

The C-STEM Math-ICT Curriculum and ICT Pathway provides K-12 students with 13 years of integrated math and computer science education with hands-on coding and robotics.

## Engaging Students

High school courses "A-G" compliant ✓

CCSS aligned, complete K-12 Mathematics with Robotics curriculum ✓

CS standards aligned, complete K-12 CS/STEAM with Robotics curriculum ✓

Career and college ready- problem solving, critical thinking, innovation ✓