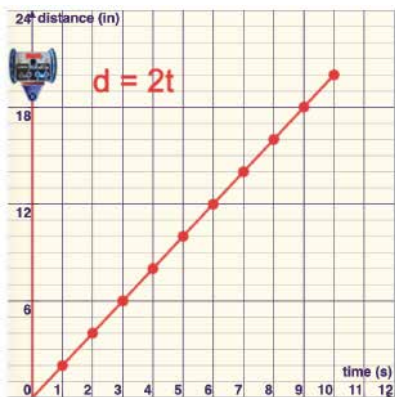


2021 C-STEM Symposium

Virtual | Redlands, CA | March 1, 2021 8am-3:30pm PST



Hands-on Learning with Coding and Robotics in the Classroom and at Distance



UC DAVIS
C-STEM Center

Keynote and Plenary

Keynote Speech

"13-Years Hands-on Learning with Coding and Robotics in the Classroom and at Distance"

Dr. Judy Fancher, Assistant Superintendent
Hacienda La Puente Unified School District

Plenary Session

"Hands-on Coding for ALL"

Deepika Srivastava, STEAM and Innovation Coordinator
Redlands Unified School District



Breakout Sessions

Hands-On Sessions

- Getting Started with Coding and Robotics for Teaching CS/STEAM and Math for the Absolute Beginner
- Arduino for Electronics, Physical Computing, and Sensor-Based Robotics
- Teaching K-5 Mathematics with Robotics
- Teaching Secondary CS/STEAM with Robotics
- Teaching K-5 CS/STEAM with Robotics
- Teaching Secondary Mathematics with Robotics
- Creating Your Own Lessons and Activities in RoboBlockly
- Integrating Art into Math Education
- Creating Animations in RoboBlockly
- Introduction to C-STEM Studio, RoboSim, and Coding in Ch/C/C++

Panel Sessions

- C-STEM Program: IHE/K-12/Industry Partnership on Transforming Math and CS Education with 13-Years Hands-on Coding and Robotics
- Teaching and Learning with C-STEM and How It Relates to Math Standards and Standards of Mathematical Practices
- Strategy, Pedagogy, and Experience on Teaching Math/CS/STEAM with Coding and Robotics
- Counseling for Students to Succeed in STEM

For more information, contact
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