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<https://www.uccs.edu/csteme/>



STEM Education Outreach
UNIVERSITY OF COLORADO COLORADO SPRINGS

**INTERESTED?
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About Us

The STEM Education Outreach program was founded in 2007 at UCCS. This was made possible with a generous grant from the Air Force Office of Scientific Research. We strive to inspire & teach K-12 students.

STEM Outreach Goals:

Engaging students of all ages through STEM activities to:

- Foster creative problem solving
- Grow a mindset towards innovation
- Exploring STEM career opportunities

Science Workshops



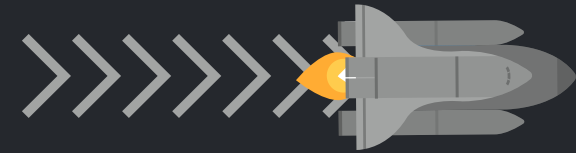
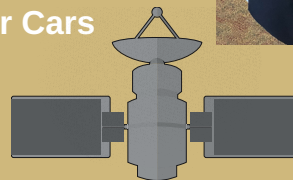
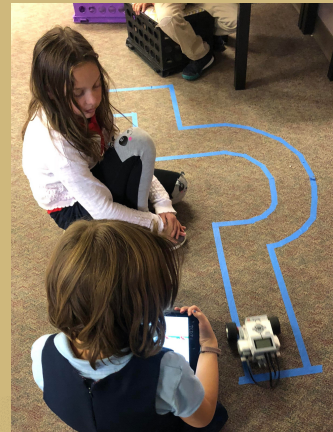
- Environmental Forensics
- Kitchen Chemistry
- Food Calorimetry
- Awesome Aquifers
- Elephant Toothpaste
- Physics of Bottle Flipping
- CSI
- Slime



Technology Workshops



- Game Programming
- Green Energy (Solar & Wind)
- GPS/Geocaching
- Sphero Robots
- LEGO Robots
- Paper Circuits
- Makey Makey
- Bee Bot Robots
- Squishy Circuits
- Google Hacking
- E-Textiles
- Solar Cars



Engineering & Math Workshops



- Arduino/Raspberry Pi
- Spacesuit Challenge
- Rube Goldberg Machine
- Snack Mixing Machine
- Mars Lander
- Indoor Flyers
- Penny Boats
- Rockets
- Catapults

