



STEM Center Highlight of the Month: Space Grant

The Colorado Space Grant Consortium (COSGC) is funded by NASA and is a statewide organization involving 17 colleges, universities and institutions around Colorado. It provides Colorado students access to space through innovative courses, real-world, hands-on robotics and balloon satellite programs, and

interactive outreach programs.

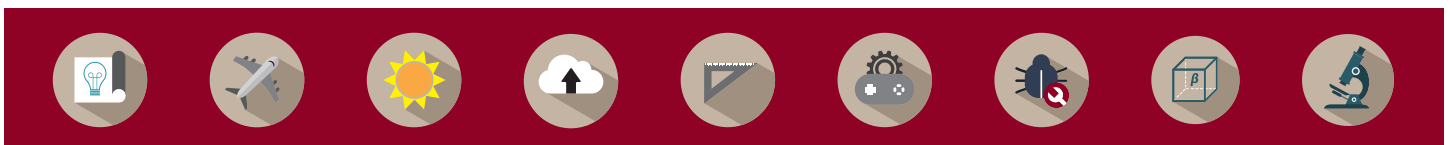
Students interact with engineers and scientists from NASA and aerospace companies to develop, test, and fly new space technologies and to support our outreach and teaching programs.

For more information on COSGC, email Joey Mathews@pueblocc.edu or call 719.549.3125.



The new Space Grant Team for 2022-23. Within this collective team, we have two groups working on the rover project and three others working on the wearables.

Front (left-right): Vashti Trujillo, Brenda Grijalva Rodas, Dioniso Samara, Luciano Varos, and Joseph Flores; Back (left-right): Jacob Padilla, Mason Evans, Maximus Gorog, and Logan Mack.





At the September Space Grant directors meeting, members had a taste test with Pueblo Chiles. Maia Rice, a former Space Grant member, planted Pueblo Chile seeds that were sent to the stratosphere. The seeds produced fruit this year, which we compared to fruit not flown to the stratosphere. In preliminary taste tests, Space Grant affiliate directors stated that the space chiles tasted hotter than the chiles that did not go to the stratosphere.



STEM Outreach at PCC Southwest Campus:

Cortez Middle School eighth graders tested the water for bioindicators. They identified macroinvertebrates and categorized them into four groups: sensitive species, semi-sensitive, semi-tolerant, and tolerant

of pollution. After they analyzed their findings, the students concluded that the Lower Dolores River was fairly free from pollution. This study was led by Chris LaRose (PCC Southwest STEM outreach coordinator).





Other noteworthy happenings at PCC Southwest:

PCC Southwest Workshop 3:

Study Strategies for STEM Content. In part 3 of our STEM Success series, we will discuss how learning strategies merge seamlessly with study strategies to increase your success in STEM courses. Tuesday, Oct. 4, 2:15-3:30 p.m., Mancos Main Campus, Room 112.

For remote link, please contact Melissa Watters, STEM ACE at PCC Southwest, at melissa.watters@pueblocc.edu.

Attention all PCC Southwest STEM students:

Be on the lookout for your STEM ACE to reach out to you the week of Oct. to schedule your mid-semester check-In appointment.

The PCC Southwest STEM ACE

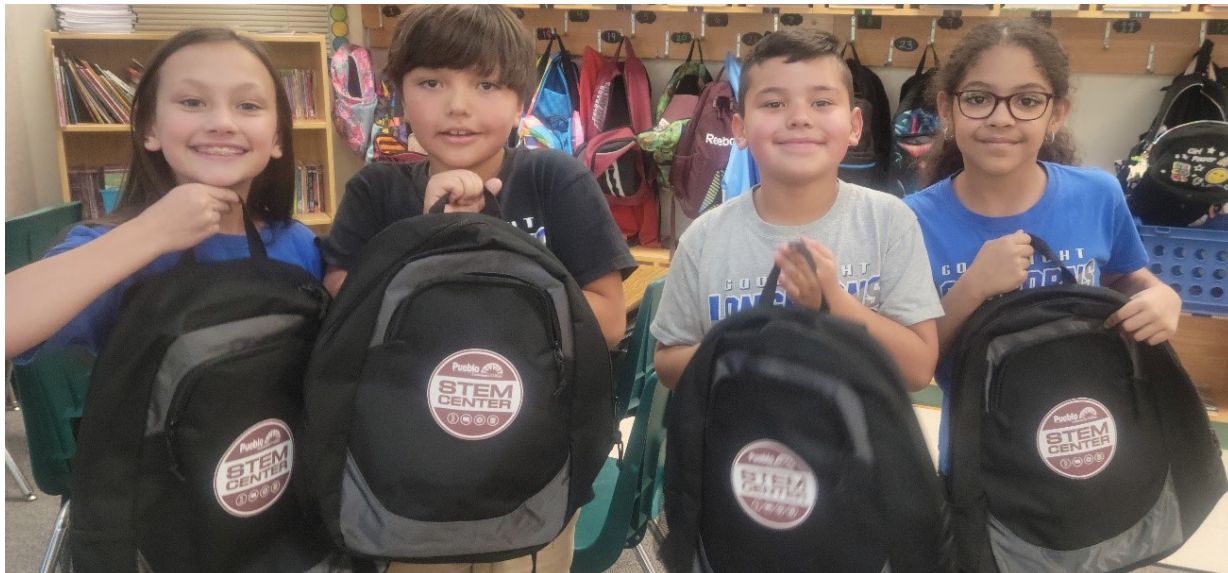
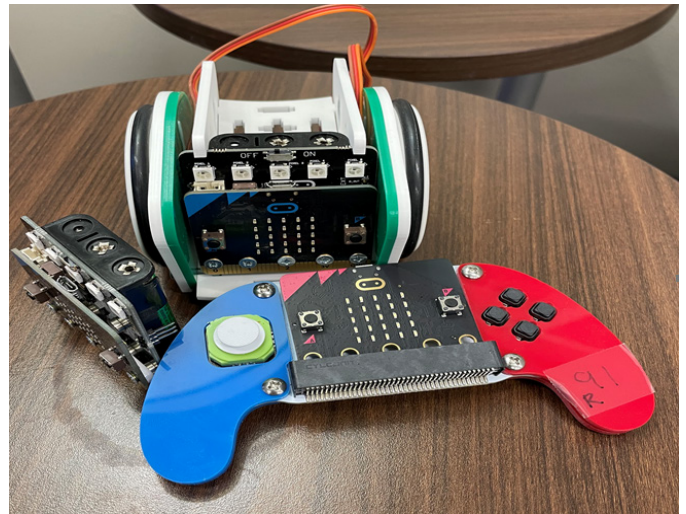
will attend the Ignacio High School college and career fair in Oct.



Micro BattleBotz Club:

If you are interested in coding, robot building, engineering, math, using 3D printers, creative design, battling robots, and working with like-minded individuals, come check us out! We work with Kitronik Move mini MK2 and micro: bits (pictured).

We will also be electing board members for the 2022 school year in the first month of meetings during fall 2022. Contact Parker Banas at banas@pueblocc.edu with any questions. We look forward to seeing you soon!



PCC Pueblo: K-12 Outreach Events

October STEM outreach events coming to a school near you!

Contact Parker Banas at parker.banas@pueblocc.edu with any questions and to add your school to next month's list! We look forward to seeing you soon.

1. St. Therese Catholic School
2. Minnequa Elementary
3. Columbian Elementary
4. Franklin Elementary School
5. Fountain International Magnet School

What is available as part of the STEM EDGE program?

- Advising
- Career development/Work-based learning
- Internship
- Transfer
- Tutors
- Undergrad research
- Workshops

