



IDAHO
STEM
ACTION CENTER



More Graduating Seniors Are Earning STEM Diplomas

at Pocatello/Chubbuck School
District 25 Pocatello/Chubbuck, Idaho

Pocatello/Chubbuck, Idaho



A well-educated science, technology, engineering, and mathematics (STEM) workforce is a significant contributor to maintaining a thriving economy, as well as contributing to the health and well-being of all Idaho citizens and communities throughout the Gem State. Studies show that states with a well-educated workforce outperform in terms of median wages and economic productivity.

Established in 2018, the Idaho STEM Diploma program encourages students to continue studies in science, technology, engineering, and math and addresses industry needs by honoring graduating seniors who have pursued rigorous STEM coursework. As prescribed by legislation, students are required to take 8 credits of mathematics, 8 credits in science, and 5 credits in STEM to earn a STEM Diploma.

Pocatello/Chubbuck School District 25 (PCSD 25) has awarded STEM Diplomas to graduating seniors the past four years and has seen the number of students receiving the STEM Diploma increase from 97 students in 2019 to 176 students in 2022. Students receive a STEM Diploma seal on their diploma and a graduation cord to recognize their achievement.

The STEM Diploma is for all students, from those taking advanced placement sciences classes to those taking career and technical education (CTE) classes. PCSD 25 offers STEM classes that range from accounting to calculus in math; biology to zoology in science; and interactive media, cybersecurity, engineering design, precision machining and industrial welding in technology. Districts decide which STEM classes to offer to students allowing for place-based learning relevant to the local community.

One example of a PCSD 25 STEM class is the CTE Natural Resources Environmental Technology class. Students installed a custom-made weather station in the mountains near the East Fork Mink Creek Nordic Center. Students are learning how to build, program, deploy and analyze environmental data using a remote, solar powered device. Instructors from the Energy Systems Technology and Education Center (ESTEC) program at Idaho State University built the data logger and installed it with the help of PCSD 25 learners. This project was a collaboration of ISU ESTEC, City of Pocatello, and US Forest Service staff.



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STEM is about engaging with the world through creativity, collaboration, and innovation.

And STEM skills give Idahoans a competitive edge in the workplace; preparing them for high-paying, high-demand careers in agriculture, healthcare, computer science, and more.

STEM...Helping build a prosperous Idaho!





THANK YOU

to Idaho's Employers
for Supporting Idaho's Students



SCHOLARSHIP MONEY AVAILABLE TO STEM DIPLOMA RECIPIENTS

Students in Idaho who earn a STEM Diploma are eligible to apply for one of ten \$3,000 scholarships provided they will be attending an Idaho post-secondary institution, including career technical schools, and have a minimum cumulative GPA of 3.0. The STEM Scholarships are offered in the following fields: Advanced Manufacturing, Agriculture, Computer Science/Technology, Engineering, Food Sciences, Health Sciences, Mathematics, Natural Sciences, and General STEM (2).

Today's STEM students are tomorrow's researchers, scientists, doctors, astronauts, and engineers, as well as the teachers who will prepare future generations to follow in their footsteps. There has never been a more important time to create and invest in opportunities that empower our students to pursue STEM education and improve opportunities for student success.



Building STEM through:

EDUCATOR ACCESS
to STEM professional development throughout Idaho.

WORKFORCE DEVELOPMENT
focused partnerships with industry and universities.

STUDENT STEM COMPETITIONS
and camp support.

Our Partners



STEM IS EVERYWHERE AND FOR EVERYONE!



GET INVOLVED TODAY!

Your participation is essential for Idaho's success! There are many ways for you to engage with STEM education. Mentor. Volunteer. Donate. Partner. Help us build a path to prosperity for all Idahoans.

LEARN MORE

To learn more about the STEM Action Center's strategies, success stories, and positive impacts in your community, email: admin@stem.idaho.gov or visit stem.idaho.gov.



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