



BRIGHT SPOT STEM CAREERS IN SIGHT

Coeur d'Alene

The New Code for Student Success



IDAHO STEM ACTION CENTER AND PARTNERS TEACH FOUNDATIONAL COMPUTER SCIENCE SKILLS

In April 2020, the Idaho STEM Action Center and partners Success in Education, St. Luke's Health System, Ken Garff Automotive Group, Micron Foundation, Idaho Central Credit Union, the Åcahand Foundation and the Idaho Technology Council launched Idaho Codes: stem.idaho.gov/apply/idahocodes.

Idaho Codes is an industry-led initiative that provides equitable access to 7-12th grade students in rural, suburban, and urban Idaho communities.

Idaho Codes is an online, self-paced computer science program that teaches 7th-12th grade students the foundational skills of building websites and developing apps with HTML, CSS, and JavaScript all from the comfort of their home! Students have access to 120 hours of professional-grade curriculum and no prior coding experience is required.

Four young women received the Bearden Award for Women in Computer Science for their outstanding Idaho Codes projects. The winners were from Coeur d'Alene, Jerome, Meridian, and Boise.

Bearden Award winner Grace of Coeur d'Alene shared her enthusiasm about Computer Science by leading younger students through a coding project as part of Hour of Code during Computer Science Education Week in December. Grace mentored students in three classrooms at her school, North Idaho STEM Charter Academy.

Hour of Code is a global movement Code.org founded in 2013 that reaches tens of millions of students age 4 to 104 in more than 180 countries. Hour of Code events offer a one-hour introduction to computer science and the basics of coding via fun tutorials.

Idaho's STEM jobs pay well, nearly twice the median wage of non-STEM jobs. In the April 22, 2020, press release announcing Idaho Codes, Governor Brad Little stated, "Job opportunities in computer science will continue to grow and introducing our students to computer science early on will expose them to real-world experiences and strengthen critical thinking skills that will serve them throughout their lives."



"Everything I know about coding, I learned from Idaho Codes."

— Tori (Meridian)

"This program and this award opportunity is big for me. I have learned so much about problem solving."

— Grace (Coeur d'Alene)



The Bearden Award is in recognition of girls pursuing computer science-related learning opportunities. Technology is an increasing contributor to Idaho's economy and the Bearden Award inspires girls to engage in hands-on computer science learning opportunities that will lead to their career futures.

Elizabeth "Betsy" Bearden, a long-time Idaho resident, believes in educational equity and opportunity for girls to develop 21st century skills that lead to their career futures.



STEM stands for Science, Technology, Engineering and Math. It's in these subjects that students learn the skills of critical thinking, problem-solving and collaboration— skills that translate to success in many fields. The STEM Action Center is here to support this development and provide Idaho with the talent pipeline it needs for its economy to thrive. Idaho can generate a strong, STEM-competent and competitive workforce that will make us become a prime STEM business destination.



We build STEM through:

EDUCATOR ACCESS

to STEM professional development throughout Idaho

22,000
EDUCATOR
INTERACTIONS

WORKFORCE

development-focused partnerships with **INDUSTRY** and **UNIVERSITIES**

8,000
STEM EDUCATION
interactions through
communities and
businesses

Student STEM COMPETITIONS and camp support

164,000
STUDENT
INTERACTIONS

Today's students will be tomorrow's workforce, and the STEM Action Center has been created to develop the STEM-skilled talent that Idaho employers need.

Our Partners



The New Code for Student Success



TODAY'S EFFORTS. TOMORROW'S SUCCESSES.

Industry participation is essential for success, and we're here to help make that participation easier. We've created many ways for Idaho businesses to engage with STEM education. From mentoring and volunteering to donating and partnering, you can help move the economy forward by closing the gaps in Idaho's workforce. Let us help you help Idaho!

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.



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