

BRIGHT SPOT STEM CAREERS IN SIGHT

Orofino Rural and Career Ready Through Drones Training



INDUSTRY'S EXCELLENT EDUCATORS DEDICATED TO STEM - INDEEDS

Each year at the Idaho Technology Council's Hall of Fame event, the organization awards and recognizes innovative leaders who have made a significant contribution to the state's technology community. Innovative educators play a critical role in Idaho's technology future by building the bridge from classrooms to careers with skills that students will need for the future.

Tim Gering, science teacher at Orofino Junior-Senior High School, received the Idaho STEM Action Center Industry's Excellent Educators Dedicated to STEM (INDEEDS) Award at this year's Idaho Technology Council virtual Hall of Fame event. INDEEDS is an annual peer-nominated, industry-selected award supported this year by leaders from Vynyl, Micron, Idaho National Laboratories, Syringa Networks, Sparklight, Discovery Center of Idaho, Trailhead and Idaho Technology Council.

"To see these kids as they tackle those problems and have to rethink and redesign and rebuild, to see their whole demeanor and the smiles and the laughter when they succeed, there's nothing else like that in the teaching world in my opinion," Gering said. "You're not doing it — the kids are doing it. They're learning, they're understanding, they're overcoming the problems that they're facing."

And what we're doing directly relates to jobs that these kids can get either after a degree or trade school or even going right into the workforce. For instance, we're working with drones, and there are so many jobs even in a rural area for drone operation — with the Forest Service, in farming, entertainment, hunting, fishing, and all those types of things."

In addition to teaching physical science and chemistry, Tim is the science department chair and has taught chemistry, Earth science, and physical science for two decades. He also served as principal at Bonners Ferry High School from 2013-2016.

Ninety percent of all jobs will require STEM skills within the next 10 years. Tim's commitment to connecting rural students to STEM learning opportunities will serve these students as they transition to the workforce.



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



Rural and Career Ready Through Drones Training



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.



802 W. Bannock St., Suite 900
Boise, Idaho 83702
Phone: (208) 332-1729

W stem.idaho.gov

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