



CASE STUDY 2016



**IDAHO
STEM**
ACTION CENTER



BRIGHT SPOT **Glenns Ferry**

Glenns Ferry Public Library FAMILY STEM AWARENESS EVENT

ABOUT

The library serves the rural community of Glenns Ferry as well as the surrounding areas of King Hill and Hammett.

THE CHALLENGE

The community was looking for ways to engage families with STEM events over the summer which is no small task for a rural library. The goals were to engage students in learning during out-of-school time and provide families the opportunity to experience hands-on STEM projects.

THE APPROACH

The STEM Action Center awarded the library a \$1,000 grant to host a Family STEM Event. They were able to stretch those funds across four separate events – occurring each Saturday in July and titled “The Great Pioneer Town STEM Challenge.” Each event was based around challenges faced by pioneer families moving westward – from developing an efficient filter for drinking water to constructing a cabin that could withstand the elements or developing a solar water heater.

THE RESULTS

Dozens of families participated in the challenges and walked away with amazing engineering projects! Perhaps even more valuable was their new appreciation for the importance of STEM education.

Through these events the Glenns Ferry Public Library created new partnerships with the state park and local schools. Furthermore, the library is developing new STEM programs for learners of all ages and fostering ongoing community engagement.



**STEM stands for Science,
Technology, Engineering and Math.
It's in these subjects students learn
the 21st century skills of critical
thinking, problem solving and
collaboration. The STEM Action
Center is here to support Idahoans
and to develop the skilled workforce
necessary for the economy to thrive.**



CREATING A COMPETITIVE WORKFORCE

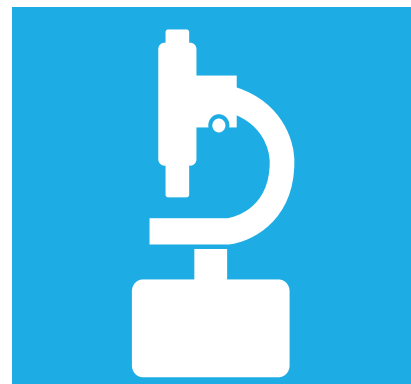
Today's students will be tomorrow's workforce, and high-quality STEM education ensures they will have the skills that Idaho employers need. Industry participation is essential for success and the STEM Action Center is here to help make that participation easier. We've created many ways for Idaho businesses to engage with STEM education. From mentoring and volunteering to donating and partnering – **you** can help drive the economy forward by closing the gaps in Idaho's workforce.

“ The mission of the Micron Foundation is to support STEM education opportunities in communities where our team members live and work. Right here in our home state of Idaho, we are pleased to support the Idaho STEM Action Center as it helps us further this mission. Their efforts to coordinate STEM activities, align education with workforce needs, and increase awareness of STEM throughout the state is notably helping to prepare Idaho's workforce of tomorrow. ”



Dee Mooney
Executive Director,
Micron Foundation

INDUSTRY PARTNERS



TODAY'S EFFORTS. TOMORROW'S SUCCESSES.

Through investing in STEM education today we can help Idaho become a premier STEM business destination tomorrow. Engaging educators, students, and industry partners is key to building a bright future right here in Idaho.

LEARN MORE

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



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