

GREATER OREGON STEM HUB

BY THE NUMBERS

- # Schools Districts: 42
- # Students: 29,134
- # Educators participated Professional Development (PD): 304
- # Students participated in STEM Hub Programs: 3,067
- # Student hours in STEM Hub supported programs: 24,750

INITIATIVES

BEYOND THE NUMBERS

- Career Connected Learning
- Early Learning
- Elementary STEAM Leaders
- Industry-connected Classroom Learning
- K-8 Math Leadership
- Mathways
- Youth Voice

Our new *Think Big Mobile Maker Lab (MML)* is one of our newest projects. It is a portable classroom space with hands-on STEM learning activities, career connected learning curriculum, and open-concept of tinkering with STEM-related tools and materials. *MML* helps remove distance as a barrier to engagements, and directly reaches those communities most in need. GO STEM staff is currently working to develop pre- and post-curriculum aligned with the in-person curriculum brought to schools by *MML*. Additionally, GO STEM plans to use the *MML* to engage the broader communities by focusing on partnerships, at community events, summer camps, and afterschool/out-of-school programming and events.

Backbone Organization: **Eastern Oregon University**

Counties in Region: **Baker, Grant, Harney, Morrow, Umatilla, Union & Wallowa**

Sq. Miles in Region: **28,312**

Hub Director: **David Melville**

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INDUSTRY

Industry volunteers: **40**

INDUSTRY >

PARTNERSHIPS

industry volunteer hrs: **263**

Funded by the Oregon Community Foundation, Eastern Oregon Works partnered with GO STEM to develop internship opportunities in Harney, Wallowa, and Union Counties. GO STEM's strong business and industry partnerships allowed us to build meaningful paid and for-credit internships to high school students. These opportunities removed many of the typical barriers to youth participation and ultimately students were connected to employers directly for hands-on, experiential job training. With the 2022 pilot completed, there is interest to continue the program in the initial counties as well as all unserved counties in the GO STEM region,



One of our many Teacher Externships, where educators are connected to real-life STEM professionals.

DETAIL >

MEET THE GREATER OREGON STEM HUB

The Greater Oregon STEM (GO STEM) Hub provides STEM resources, materials, and support for K-12 educators and students, as well as for community members and partners. Our STEM Hub spans the largest geographic region within Oregon's STEM Hub network, serving a vast and rural seven-county region. Spanning 42 school districts and a huge square mile area, we deliver high quality in- and out-of-school programming and support for P-20 STEM education, efforts that typically fall outside of the traditional role of the K-12 system. A key aspect of our Hub's work is career preparation and workforce development. We provide services that connect students to real-life STEM professionals in the classroom, as well as promote career readiness. Our collaborations with high school career internships and teacher externships help students learn more about local career opportunities and prepare them for a prosperous future.