

LANE STEM HUB

BY THE NUMBERS

- # Schools Districts: **15**
- # Students: **41,922**
- # Educators Participated Professional Development (PD): **38**
- # Students impacted by Educator PD (approx.): **1,140**
- # Students participated in STEM Hub Programs: **1,757**
- # Student hours in STEM Hub supported programs: **31,022**

INITIATIVES

BEYOND THE NUMBERS

- Career Connected Learning
- Computer Science
- Early Learning
- High School Science for All
- Mathways
- STEM Beyond Schools

In May 2022, Lane STEM coordinated and hosted the first Lane County STEAM Expo at *Connected Lane County's Youth Innovation Center*, (Spark on 7th). Partnering with other Out-of-School STEM community-based organizations (see list below), the STEAM Expo gave 4th-5th grade students from rural elementary schools the chance to interact with a wide range of hands-on learning and career opportunities. In addition, the STEAM Expo provided Professional Development for designing learner-centered activities for attending educators.

Eugene Science Center, Museum of Natural Cultural History, Willamette Resources Education Network, BRING, Lane Arts Council, Partners for Sustainable Schools, Whole Earth, Mt. Pisgah Arboretum, and Nearby Nature

Backbone Organization: **Lane ESD**

Counties in Region: **Lane**
 Sq. Miles in Region: **4,722**
 Hub Director: **Gabriel Gellon**
 Email: **ggellon@lesd.k12.or.us**
 Website: **lanestem.org**



CAREER CONNECTED LEARNING

INDUSTRY >

Industry volunteers: **86**
 industry volunteer hrs: **553**

Lane STEM continues to help build the capacity of *Elevate Lane County*, a county-wide, career connected learning program. Each year, over 3,000 youth participate in hands-on learning through career fairs, job shadows, tours, internships, and showcases in various industries. Lane STEM Hub works to complement as well as expand these efforts by making stronger career connections within pre-school to high school science and math curriculum. Lane STEM also works with out-of-school community providers, helping them see the benefits of connecting industry and potential careers within their STEM Education efforts - helping youth see the potential of their future.



Some of our Region's teachers participating with an externship with a local industry.

DETAIL >

MEET THE LANE STEM HUB

The Lane STEM Hub works hard to provide STEM opportunity and access to the many potential career paths for ALL youth in Lane County. The county is home to one of the largest research universities in the state, a diverse population and important agricultural production. In addition to agriculture the region offers youth potential careers in advanced manufacturing, construction, culinary services, healthcare, computer science and technology among many others. However, many of the public school districts are rural with small populations and access to STEM learning can be limited. The STEM Hub works hard to provide opportunity to students so they can see themselves in the diverse and prosperous careers within the county, as the region is a beautiful area in which to live and work.