

Mission

The Central Oregon STEM Hub is a partnership connecting regional pre K-12 education, higher education, industry, and community partners to catalyze opportunities and exploration in science, technology, engineering, and math (STEM).



Equity

Objective: Every Central Oregon student has access to and is engaged in high-quality STEM opportunities in and out of school.

Indicator: Number of STEM learning opportunities available across counties (formal and/or informal).

Indicator: Number of [historically underserved and underrepresented] students participating in out-of-school STEM experiences and programs.



Educator Development

Objective: Central Oregon educators engage students in high-quality integrated STEM learning.

Indicator: Educator confidence in teaching STEM.

Indicator: Educator STEM pedagogical and content knowledge.



STEM Identity & Engagement

Objective: Students are interested in and possess STEM knowledge and skills to succeed in a complex future.

Indicator: Number of students enrolled and completing MS/HS/Post-Secondary STEM Courses.

Indicator: Retention in STEM certificate and degree programs.

Indicator: Participation in out-of-school STEM experiences.

Vision

Through collaboration, Central Oregon STEM Hub partners prepare students to be critical thinkers, career-ready and college-bound students, and informed global citizens through integrated STEM opportunities in and out of the classroom.



School Systems

Objective: STEM learning is integrated and prioritized across grade-levels and addresses student barriers, fosters STEM fluency, and student achievement.

Indicator: Growth in time dedicated to STEM learning (measuring time spent in STEM).



Well-Lit, Aligned Pathways

Objective: Young people are aware and ready to enter STEM post-secondary opportunities and careers.

Indicator: Number of times kids have been exposed to STEM experiences.

Indicator 10: Number of STEM certificates and degrees earned [especially by underrepresented and nontraditional students].



Sustained, Reciprocal Investments

Objective: A vibrant STEM ecosystem is part of Central Oregon's reputation and attracts industries and families to live, work, and learn here.

Indicator: Partners use regional assets and environments to spark interest in STEM.

Indicator: Number of business and industry partners engaged in the STEM Hub network.

Initiative Areas, Objectives, and Indicators

