Central Oregon STEM Hub

Science, Technology, Engineering, and Math in the heart of Oregon

Long Term Outcomes & Indicators*

The Central Oregon **COMMUNITY** is aware of and connected to regional STEM opportunities.

C1. Increasing participation of underrepresented populations.

C2. Increasing number of times kids have been exposed to STEM experiences.

C3. Increasing engagement of businesses in community.

C4. Utilization of unique assets and environment to raise STEM interest.

Central Oregon **EDUCATORS** are equipped to engage students in exceptional STEM curriculum.

E1. Increasing educator STEM pedagogical content knowledge.

E2. Increasing availability of STEM programs of study and dual credit courses.

E3. Increasing time allocated for science instruction in elementary school.

E4. Increasing educator confidence in teaching STEM subjects.

E5. Increasing number of STEM professionals involved in classrooms.

E6. Increasing resources and equipment available to teachers.

Central Oregon **STUDENTS** are interested and ready to enter a STEM post-secondary track.

S1. Increasing number of students taking STEM courses.

S2. Increasing math and science achievement scores.

S3. Increasing STEM career choice at graduation.

S4. Decreasing post-secondary enrollments in remedial math.

S5. Increasing student retention in STEM certificate and degree programs.

S6. Increasing participation in out-of-school STEM experiences.

Central Oregon has a skilled, homegrown **WORKFORCE** and **ECONOMICS** that attract STEM businesses.

W1. Increasing number of STEM certificates and degrees, especially for underrepresented and nontraditional students.

W2. Increasing number of people ready to choose a STEM career.

W3. Increasing recognition of STEM skills and opportunities in traditionally non-STEM fields.

Z1. Increasing interaction and communication within and between stakeholder audiences.

*Current priority indicators in bold.