STUDENT OUTCOMES IN STEM EDUCATON

EARLY LEARNING
Birth to Age 6

ELEMENTARY
Ages 5-10

MIDDLE
Ages 11-13

SECONDARY
Ages 14-18

POST SECONDARY
Ages 18+

WORKFORCE

Increase the number of Oregonians filling STEM-related jobs in Oregon

Increase alignment of degree and certificates with high-wage, high-demand jobs

Increase diversity/equity in STEM-related education and opportunities for all students*

Increase positive STEM identity and motivation

Increase participation in inquiry-based activities

Increase college and career readiness**

Increase math and science achievement scores

Increase digital literacy and quantitative reasoning skills

Increase STEM career awareness

Increase participation in out-of-school STEM experiences and programs especially for students of color and /or in poverty

Increase college-going rates, particularly for students of color and/or in poverty

Increase post-secondary STEM certificates and degrees, particularly for women and students of color

Decrease postsecondary enrollments in remedial mathematics

Increase high school graduation rates

Increase college credits earned in high school

* In order to view all outcomes through an equity lens, data will be disaggregated by race/ethnicity, gender, and socioeconomic status.

** See College and Career Readiness Definition for Oregon (adopted April 8, 2014 by the OEIB)