



1.2.f: Supplemental - Increase project-based, career, workplace, community learning opportunities that provide STEM and 21st century skills with career and technical education (CTE) from 65% to 70% by 2016



## Goal 1: World Class Education

Goal Council Meeting

October 3, 2016



## 1.2.f: STEM and 21<sup>st</sup> Century skills with Career & Technical Education

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### Superintendent of Public Instruction

Ken Emmil, Ed.D.

October 3, 2016

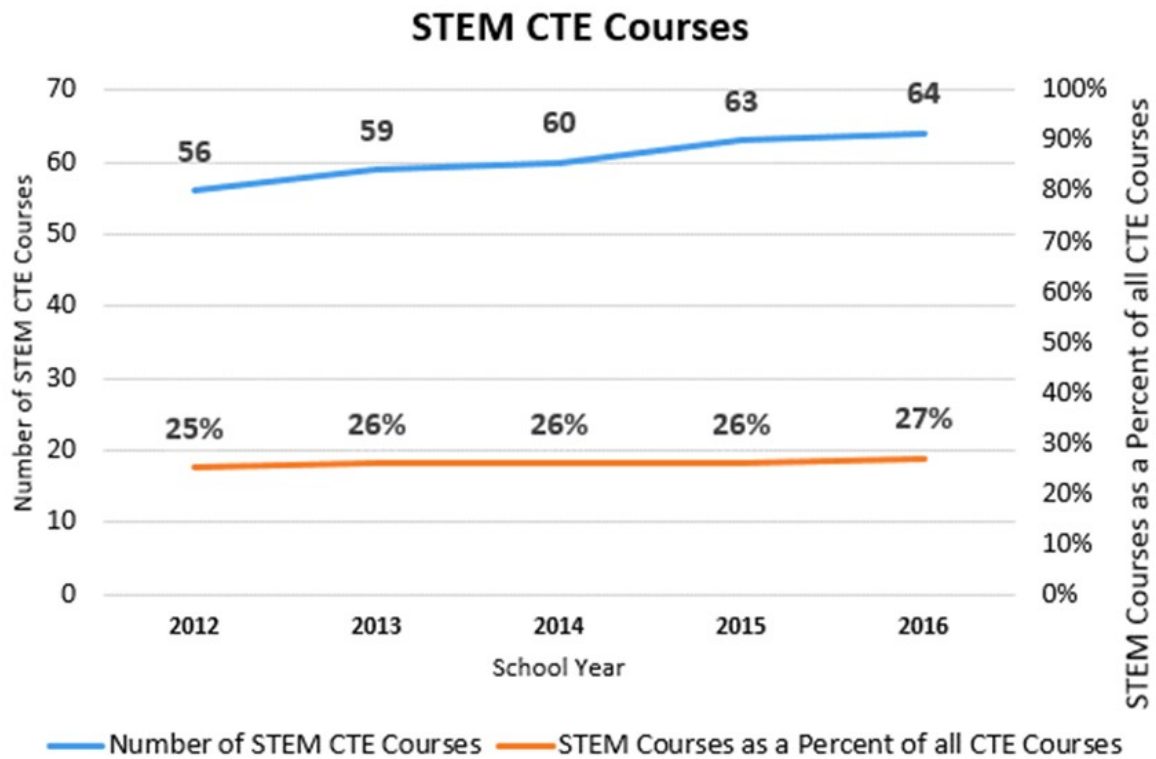


1.2F | STEM AND 21<sup>ST</sup> CENTURY SKILLS WITH CAREER & TECHNICAL EDUCATION

### **PRIORITY:**

- State and local business and labor have a tremendous impact on regional and state level CTE efforts. This is our priority because it is a priority of our stakeholders.
- CTE courses support student learning focused around a student's interest as well as the needs in and around the local community.
- Increasing employment options and opportunity for both employers and those looking to begin a career.

## DATA:



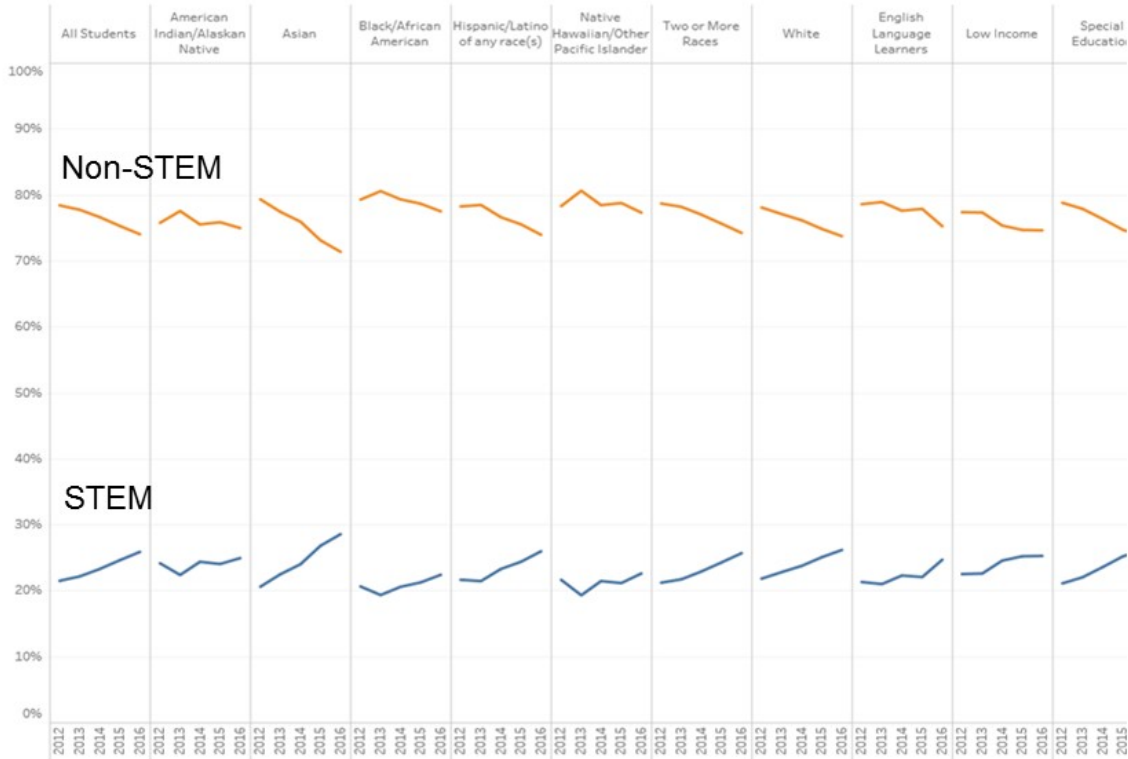
## DATA:

Schoolyear  
2016

Subgroup	Stem	% of Students	Students	
All Students	Non-STEM	74.08%	212,211	74.08%
	STEM	25.92%	74,253	25.92%
American Indian/Alaskan Native	Non-STEM	75.02%	3,355	75.02%
	STEM	24.98%	1,117	24.98%
Asian	Non-STEM	71.40%	13,773	71.40%
	STEM	28.60%	5,516	28.60%
Black/African American	Non-STEM	77.55%	10,109	77.55%
	STEM	22.45%	2,926	22.45%
Hispanic/Latino of any race(s)	Non-STEM	73.99%	45,458	73.99%
	STEM	26.01%	15,979	26.01%
Native Hawaiian/Other Pacific Islander	Non-STEM	77.35%	2,377	77.35%
	STEM	22.65%	696	22.65%
Two or More Races	Non-STEM	74.28%	13,399	74.28%
	STEM	25.72%	4,640	25.72%
White	Non-STEM	73.79%	117,920	73.79%
	STEM	26.21%	41,883	26.21%
English Language Learners	Non-STEM	75.28%	10,125	75.28%
	STEM	24.72%	3,325	24.72%
Low Income	Non-STEM	74.69%	20,092	74.69%
	STEM	25.31%	6,809	25.31%
Special Education	Non-STEM	73.73%	6,877	73.73%
	STEM	26.27%	2,450	26.27%

Synopsis: The figure presents the information by race/ethnicity and special programs for 2015-16

## DATA:



Synopsis: The figure presents the information by race/ethnicity and special programs across 5 years

## Current State:

- Partnerships between education and business, business and government, or management and labor, are strong and positive.
- CTE courses support student learning focused around a student's interest as well as the needs in and around the local community.
- Increasing opportunities for young people to experience career focused activities.
- STUDENT INPUT

## Customer Focus: Impact on student's lives

**Aleah Schmidt,  
Glacier Peak High School**



**MyLo Long- Olympia High  
School**



**Kilie Lewis - Bethel High School -  
Aerospace Composites**



**Anamika Onkka- Olympia High  
School- FIRST Robotics**



1.2.f. Increase project-based, career, workplace, community learning opportunities that provide STEM and 21st century skills with career and technical education

## Opportunity:

- Increase graduation rate through engagement.
- Increase graduation rate through relevancy.
- Increase graduation rate through leadership.

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