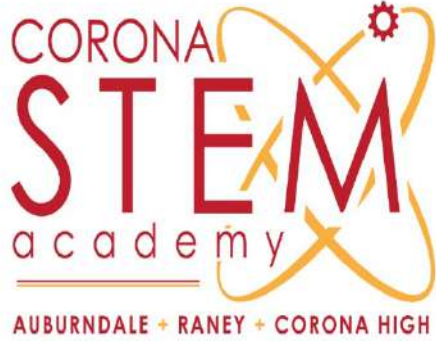


Raney Intermediate STEM



Mr. Rock Tsang
STEM Coordinator



Raney Intermediate STEM

•According to the PEW research center:

1) “Employment in science, technology, engineering and math (STEM) occupations has grown 79% since 1990, from 9.7 million to 17.3 million, outpacing overall U.S. job growth.”

2) “STEM workers enjoy a pay advantage compared with non-STEM workers with similar levels of education”

3) “STEM training in college is associated with higher earnings, whether working in a STEM occupation or not.”

•**Source:** <https://www.pewresearch.org/fact-tank/2018/01/09/7-facts-about-the-stem-workforce/>

STEM college majors tend to earn more than non-STEM college majors

Median annual earnings of full-time, year-round workers age 25 and older with at least a bachelor's degree



Note: Based on adults ages 25 and older employed full-time year-round with positive earnings who have completed a bachelor's degree. College degree refers to the major field of study of the bachelor's degree. STEM stands for science, technology, engineering and math.

Source: Pew Research Center analysis of 2014-2016 American Community Survey (IPUMS). "Women and Men in STEM Often at Odds Over Workplace Equity"

PEW RESEARCH CENTER

Raney Intermediate STEM

• **STEM** stands for **Science, Technology, Engineering and Mathematics**. Jobs in STEM can range from plumbers to astronauts and may not always require an advanced degree.

- 2 year pathway
- 3 classes
- 1 year of Computer science
- 1 semester of Robotics
- 1 semester of 3-D printing



Raney Intermediate STEM

- Linked to Corona STEM Academy
- Priority admission to Corona STEM Academy if complete Raney STEM academy
- Exposure to STEM Careers and possibilities
- Classes for Corona STEM are honors credit and recognized by CA colleges
- Opportunities for jobs right out of high school



Raney Intermediate STEM

Field Trip Opportunities



Manufacturing Day 2018



7th grade Science Camp



Raney Intermediate STEM

Assemblies



CPR/First Aid Assembly



**Go Pro Video Conference
Assembly**



Raney Intermediate STEM

VEX Robotics Competition (period 0)



Corona VEX Competition



Competition Team working on robots

COMPETITION CLASS IS OPTIONAL DURING 0 PERIOD (6:45 AM to 7:30 AM



Raney Intermediate STEM

Important information

- Apply here online
- https://raney.cnusd.k12.ca.us/programs__activities/s_t_e_m/raney_s_t_e_m_application__information
- Grades need to be C and above (COVID will make exceptions based on teacher input)
- Minimal incidents on file
- Letter of recommendation from current teacher



Raney Intermediate STEM

- END OF YEAR AWARDS FOR STEM
- OPTIONAL COMMUNITY SERVICE WILL COUNT TOWARD AWARDS CRITERIA
- LOG FOR VOLUNTEER HOURS WILL BE GIVEN OUT AT A LATER TIME



CONTACT

Email:
rock.tsang@cnusd.k12.ca.us

