



STEM Coordinator: Rock Tsang

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Hello and welcome to Raney's STEM Pathway.

My name is Rock Tsang but students often call me Mr. Rock. I have been teaching computer science since before I joined Raney and continue to do so with great passion. Through computer science, students learn how to problem solve with a computer. We also have robotics and 3-D printing classes that will help students gain critical exposure to STEM concepts. 0 period VEX robotics competition team is an optional class that goes out to competitions. We are proud to be the first middle school to pilot the STEM pathway in CNUSD.



Raney Intermediate
1010 West Citron Street
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Phone: 951-736-3221



Visit the Raney STEM Academy Website at

<https://bit.ly/2PCixRU>

for application and more information

Benefits of the Raney STEM Academy

- ♦ **Priority admission to Corona STEM Academy upon completion of Raney STEM Academy**
- ♦ **2 year pathway that connects to Corona High STEM Academy**
- ♦ **Optional 0 period VEX robotics competition team**
- ♦ **STEM themes across core subjects**
- ♦ **STEM field trips and guest speakers throughout the year**

Welcome to RANEY STEM Academy!

We are proud to be a part of a joint effort among Raney Intermediate, Corona High School, and Auburndale Intermediate to provide the very BEST in STEM education for your students.

At Raney, we have focused our classes to focus on Robotics, Computer Science & Engineering. It is a rigorous program that will focus on the STEM disciplines (Science, Technology, Engineering, and Math) by integrating them into the core curriculum.

Raney's STEM Academy is using the CS Discoveries curriculum (code.org) for its Computer Science class.

There is also a 1 semester Robotics course and 1 semester 3-D printing course.

A core value at Raney is to provide opportunity for those who are typically underserved in college and high level careers. That is why the STEM academy is so important to your student. We also recently received a generous donation from Amazon.com for our outstanding STEM program.

<https://www.pe.com/2018/04/13/amazon-donates-10000-to-corona-stem-and-robotics-program/>



STEM Academy Highlights

iFly Indoor Sky Diving Tour	Petersen Automobile Museum
PHP sales engineer visit	CPR Assembly
Norco College Robotics Competition	Manufacturing Day Field Trip
Corona High STEM tours	GoPro Video Conference
GSI presentation	VEX Robotics Competition
First Aid Assembly	Amazon Awards Assembly
STEM promo video	STEM Banquet
CTE Expo	Outpatient Surgery Field Trip

