

# STEM & CREATIVE CORE

at DSST: Green Valley Ranch



The programs at DSST: Green Valley Ranch will prepare students for college and careers focused in STEM, creative fields, and more. DSST: Conservatory Green offers students five pathways across STEM & Creative Core electives, and a variety of college credit opportunities.

## STEM CERTIFICATE PATHWAYS

Students who earn 30 credits in a specialty area will receive a DSST STEM Certificate at graduation.



### BIOSCIENCES

- Introduction to Bioscience
- Anatomy and Physiology
- Intro to Forensics
- AP Biology\*\*
- AP Environmental Science\*\*
- AP Statistics\*\*
- + *Aligned Internship*



### INTEGRATED COMPUTER SCIENCE & ENGINEERING

- Introduction to Programming\*
- Intro to Engineering
- Computer Science
- Advanced Engineering
- AP Computer Science Principles\*\*
- AP Calculus AB\*\*
- AP Calculus BC\*\*
- + *Aligned Internship*



### ENTREPRENEURSHIP

- iLead\*
- Introduction to Entrepreneurship
- Financial Literacy
- Advanced Entrepreneurship
- + *Aligned Internship*

## CREATIVE CORE ELECTIVE OPTIONS

Students who focus on a set of creative core electives will be supported in creating a portfolio of work before graduation.



### VISUAL ARTS

- Art\*
- Introduction to Digital Arts
- Advanced Digital Arts
- + *Aligned Internship*



### PERFORMING ARTS

- Music\*
- Intro to Music
- Advanced Music
- + *Aligned Internship*



Biomedical Science students treat mock patients as part of their clinical assessment.



### SEAL OF BILITERACY

Students at DSST: GVR will be supported to earn the Seal of Biliteracy upon graduation from high school, showing they are proficient in two or more languages.

# COLLEGE CREDIT & EXTRACURRICULARS

at DSST: Green Valley Ranch



## COLLEGE CREDIT BEARING OPPORTUNITIES

### 11th and 12th Grades

AP World History	AP US History
AP US Government Politics	AP English Language and Composition
AP Spanish Language	AP English Literature
AP Computer Science Principles	AP Calculus BC
AP Calculus AB	AP Biology
AP Statistics	AP Environmental Science

## EXTRACURRICULARS

### Programs and Afterschool Clubs

Girls Who Code
VEX Robotics
Music Club
Art Club
Drum Line
Journalism
Student Council
Glee Club
YouTuber
Drama
Black Student Alliance
Muslim Student Association (MSA)
Poetry Club
Biosciences Club

