

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: Green Valley Ranch 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*
Intro to Botany and Horticulture
AP Psychology*
AP Statistics*
+ *Aligned Internship*



INTEGRATED COMPUTER SCIENCE & ENGINEERING

Intro to Engineering
Intermediate Computer Science
Advanced Engineering
AP Statistics*
AP Computer Science Principles*
AP Pre Calculus*
AP Calculus AB*
AP Calculus BC*
+ *Aligned Internship*



ENTREPRENEURSHIP

Financial Literacy
Introduction to Entrepreneurial Studies
Marketing
Advanced Entrepreneurship
AP Statistics*
+ *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
AP Art History*
+ *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 CLIMATE LITERACY

Students at DSST: Green Valley Ranch will be supported to earn the Seal of Climate Literacy upon graduation from high school, demonstrating their understanding of climate science



SEAL OF BILITERACY

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

STUDENTS WILL ALSO HAVE THE OPPORTUNITY TO TAKE CLASSES LIKE FINANCIAL LITERACY

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

