

# STEM & CREATIVE CORE

## at DSST: Cedar



The programs at DSST: Cedar Middle and High School will prepare students for college and careers focused in sustainability, kinesiology, sports medicine, mechanical, civil & electrical engineering, recording & production, cybersecurity, computer science, and more.

### STEM CERTIFICATE PATHWAYS

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



#### HEALTH SCIENCES, SUSTAINING WELLNESS

- Kinesiology
- + CPR Certification earned through Kinesiology
- AP Biology\*\*
- Psychology
- AP Psychology\*\*
- Sports Management
- + Aligned Internship



#### COMPUTER SCIENCE

- Computer Programming\*
- Introduction to Programming
- Computational Thinking
- PLTW: Cybersecurity
- AP Computer Science Principles\*\*
- Capstone: Programming
- + Aligned Internship



#### ENGINEERING & SUSTAINABLE DESIGN

- Robotics\*
- Introduction to Engineering
- Advanced Engineering
- AP Physics C\*\*
- Capstone: Engineering
- + Aligned Internship

Our school building has strong facilities for students to use computer-aided design and fabrication tools through high-resolution 3D printers as well as welding equipment.

\* Course offered in Middle School; all other courses offered in High School  
 \*\* Course eligible for college credit through College Board's AP testing  
 + High school students will be supported to secure internships aligned to a pathway/creative core focus.

### 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.



#### MUSIC RECORDING & PRODUCTION

- Music\* (6&7)
- Band/Choir/ Production\* (8)
- Recording & Production
- Advanced Recording & Production
- AP Music Theory\*\*
- Capstone: Production
- + Aligned Internship



#### VISUAL ARTS

- Digital Arts\*
- Introduction to Visual Arts
- Advanced Visual Arts
- Journalism
- Digital Journalism
- Capstone: Studio Portfolio Art
- + Aligned Internship



#### GLOBAL LEADERSHIP

- AP Spanish Language/Lit\*\*
- Spanish Language
- Global Leadership
- Environmental Sustainability
- PDHU Interculturalism & Global Exploration
- Student Government/Restorative Panel
- Senior Project
- + Aligned Internship



#### SEAL OF BILITERACY

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

Optional Trips: Spain; Global Leadership Conference in Europe; Sustainable Living in Germany and Switzerland; Washington D.C.

# COLLEGE CREDIT & EXTRACURRICULARS

## at DSST: Cedar



### COLLEGE CREDIT BEARING OPPORTUNITIES

11th Grade	12th Grade
AP Biology	All AP courses listed under 11th Grade
AP US History	AP Psychology
AP English Language	AP Music Theory
AP Calculus	AP Physics
AP Spanish Language	AP Statistics
AP Computer Science	AP English Literature
Global Leadership	AP Chemistry
Concurrent/dual enrollment for 3 intro music courses at Metro State	Concurrent/dual enrollment for 3 intro music courses at Metro State
SNHU Interculturalism & Global Exploration	Innovation + Entrepreneurship: Mindset (12th grade Senior Project in Civics in Action)*
Introduction to Environment and Sustainability (ENVS 100)*	<i>*Students earn credit through Western Concurrent Enrollment</i>



High schoolers on Global Leadership trip to Germany



Middle schoolers perform at Music Showcase

### EXTRACURRICULARS

#### Clubs, Afterschool Programs, and Leadership Opportunities

Anime club	College Committee	Model UN	Service Committee
APISA	Drama	Muslim Student Association	Socially Awkward Social Club
Archery Club	Election Committee	Newspaper	Speech and Debate
Auto Tech & Bicycle Maintenance Club	Falcons TKD Martial Arts	NHS	Student Equity Working Committee
Band	Film Club	Pep Committee	Student Government
Branding Committee	GSA	Ping Pong Club	Sustainability Committee
Card Game Club	Harry Potter Club	Recruitment committee	Video Game Club
Cedar Advocates for Falcons Futures (CAFF)	HLSA (Hispanic Latino Student Alliance)	Robotics	Welding & Woodworking Club
Chess Club	Honors Choice	Rock Climbing Club	Womens Forum
Class Officers for Student Government	Jewish Cultural Club	Senior Planning Committee	Yearbook

Note: Extracurricular offerings change yearly based on student interest & demand!