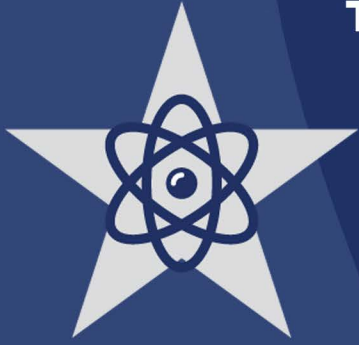


Del Valle TSTEM System Academy

TEA TSTEM Designated Campus



Courses Offered

PLTW Engineering Design
Computer Programming I and II
PLTW Engineering Science
Engineering Design and Problem Solving
Principles of Aviation

CTE Student Organizations

VEX

The world faces an unprecedented need for new innovators, thinkers, and problem-solving leaders. Our goal is to create engaging, affording, and powerful solutions that immerse students in STEM through the excitement of building and programming robots.

First Robotics Competition

Under strict rules, limited resources, and an intense six-week time limit, teams of students are challenged to raise funds, design a team “brand,” hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It’s as close to real-world engineering as a student can get. Volunteer professional mentors lend their time and talents to guide each team. Each season ends with an exciting FIRST Championship.



THE DISTRICT
YSLETA INDEPENDENT SCHOOL DISTRICT



CONQUISTADORES



Careers

Mechanical Engineer
Electrical Engineer
Computer Software Engineer
Civil Engineer
Computer User Specialist
Statistician
Medical Scientist
Aerospace Engineer
Biochemical Engineer
Computer System Analyst

Certifications Offered

Robot C
Python
Autodesk / Inventor
FAA License

STEM Academy Vision

The mission of the STEM Academy is to prepare our students for a 21st century education through an engineering, math, science, and computer science curriculum. Our STEM Academy is ready to prepare students for the rigorous world of a STEM career through targeted instruction in either Engineering, Computer Science, or Aerospace Engineering. At Del Valle High School, we offer STEM, dual credit, and AP courses that embed critical thinking, problem solving, and innovation. Our goal in the STEM program is to have every senior graduate with 12 or more college credit hours and prepared to continue their education in a STEM-related field. Our students have the choice to choose from one of three pathways so they can graduate with a STEM endorsement.

For more information
please contact

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