

KAREN WAGNER HIGH SCHOOL



TSTEM Academy @ Wagner High School

Where we are driven by excellence



WHAT'S UNIQUE ABOUT TSTEM ACADEMY @ WAGNER HIGH SCHOOL?

Wagner High School shines academically and through extra-curricular and CTE opportunities. Wagner offers students a rich educational experience through our traditional school setting and our T-STEM Academy. Our TSTEM Academy is specifically designed to provide students a rigorous course of study focused on STEM (Science, Technology, Engineering and Math). Our TSTEM students are engaged in advanced coursework within an Honors/ AP concentration, as well as integrated project-based learning.

ABOUT OUR SCHOOL

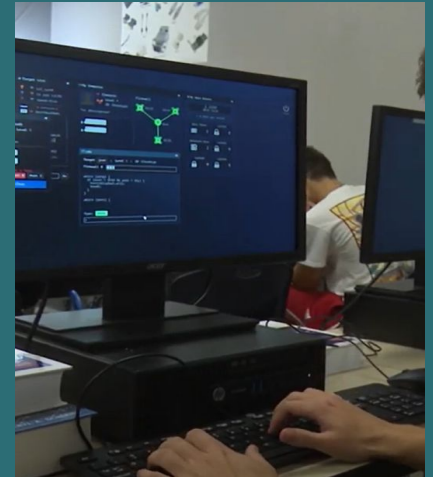
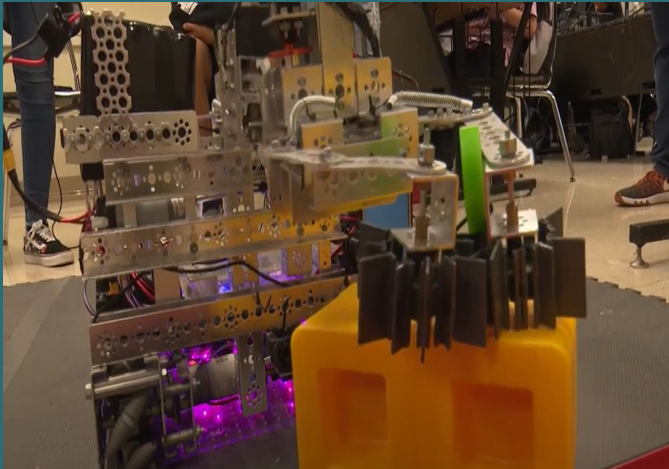
TSTEM Academy uses a school within a school model for students in the program. Students are maintained as a cohort to the greatest extent possible. Project Based Learning (PBL) is used throughout the core classes. Boosted GPA: All core classes are Honors, AP, or Dual Credit. Field trips, job shadowing, and other experiences are provided. AM & PM shuttle bus transportation to Wagner available from select middle and high school campuses. ALL CTE and extracurricular classes are available to TSTEM students like:

- Sweepstakes winning Band, Choir and Orchestra
- Over 35 hours of Dual Credit opportunities
- AP Level courses
- Cheer, Dance, Pep Squad and Color Guard
- Numerous Clubs and Organizations
- Top athletic programs with students competing at the area, regional and state levels
- JROTC armed and unarmed drill team participation at the National Competition



HOW WILL YOUR CHILD BE SERVED ACADEMICALLY

- Our T-STEM Academy allows students to choose a pathway in Computer Science, Engineering, Mathematics or Biomedical while engaging in project based learning, work based learning, guest speakers, field trips and community service.
- Students receive an endorsement for three consecutive courses in a STEM Pathway.
- Project Lead The Way Engineering and Computer Science Courses give students opportunities to learn and apply problem-solving strategies, critical and creative thinking, and communication and collaboration skills.
- Other opportunities to enhance learning, including: Guest Speakers by STEM Professionals, Work Based Learning through job shadowing and hands on experiences.



OUR TEACHING STAFF

- All of our teaching staff is certified by the Texas Education Agency, many with master's degrees.
- Over 60% of our teaching staff has between 6-20 plus years of classroom experience
- 13:1 student to teacher ratio
- College credit can be earned through a variety of Advanced Placement and Dual Credit Classes.

DC available: English 1301/1302 & English 2322/2323, College Algebra *US History 1301/1302, Government, Speech, Statistics, Physics I & II (UT OnRamps), Construction, Education, Texas Government, Art Appreciation

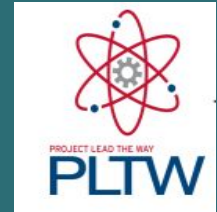
AND

AP available: English III and English IV, Calculus AB and Calculus BC, Statistics, Music Theory, Computer Science A & CS Principles, U.S. Government, Macroeconomics, World History, U.S. History, European History, Human Geography, Psychology, Chemistry, Biology II, Physics I & II, Spanish IV & V, Environmental Science



WHAT CAN PARENTS EXPECT

- A learning environment that is Safe and Encouraging
- A Challenging Curriculum that addresses all student abilities
- CTE opportunities that allow students to gain Industry Certifications
- A STEM program that enables students to solve 21st century issues



To enroll or for more information about our campus

Call us at: 210-662-5000

Come by and see us: 3000 N. Foster Road, San Antonio, TX 78244 www.judsonisd.org