



Karen Wagner High School TSTEM Academy

3000 N. Foster Road • San Antonio, TX 78244•
(210) 662-5000
Priscilla Alfaro, Principal



December 15, 2021

To Prospective TSTEM Students and Parents,

Thank you for your interest in our Wagner High School TSTEM Academy. Through growth and development, Judson ISD had developed a strong pipeline in STEM (Science, Technology, Engineering, and Mathematics) education. Opening in the 2017-2018 school year, the TSTEM Academy is, currently, in its fifth year serving 200 9th-12th grade students. Each student goes through rigorous instruction and accelerated coursework. Our goal is to produce college-ready graduates that are interested in studying and entering STEM Careers. We are excited to welcome our newest cohort, Class of 2026!

Our TSTEM Academy allows the student to choose a pathway in Biomedical Science, Computer Science, Engineering, or Mathematics while engaging in project-based learning, field trips, and community service. Students receive a STEM endorsement for three consecutive courses in a STEM Pathway. Project Lead the Way Biomedical Science, Computer Science, and Engineering 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, include STEM Professional guest speakers, work-based learning through job shadowing, and hands-on experiences. We take pride in tailoring the coursework to individual student needs.

Thank you for thinking ahead to your future as STEM professionals. TSTEM Academy is the next phase of your journey. Please complete the enrollment application in its entirety and return it to your 8th-grade counselor or scan and email the application to our Coordinator, tgregg@judsonisd.org.

Sincerely,

Priscilla Alfaro
Principal
Karen Wagner High School
TSTEM Academy





TSTEM Academy

Enrollment Application

2022-2023



Only completed applications will be considered for entrance

School Overview

TSTEM Academy is a school-within-a-school academic program located at Karen Wagner High School. The academy is specifically designed to provide students with a rigorous course of study focused on STEM (Science, Technology, Engineering, and Math). The students enrolled are engaged in advanced coursework within a Honors/AP concentration with additional dual-enrollment courses through the University of Texas at Austin (OnRamps), as well as integrated project-based learning. Project-Based Learning (PBL) allows students to go through a process of inquiry, research, problem-solving, and challenges based on a driving question while allowing students “voice and choice”. PBL is carefully planned, managed, and assessed to help students learn key academic content and practice 21st-century skills (such as collaboration, communication, and critical thinking) to create high-quality authentic products and presentations.

Student Expectations

TSTEM Academy is seeking interested students who enjoy designing, creating, innovative experiences and challenges in STEM-related career fields. The academy student should achieve an attendance of 96% current/ongoing. Satisfactory conduct and maintain an 80% passing average or greater in core courses (English, Math, Science, and History) within the current year of application.

Selection and Notification Process

A public lottery will be conducted and 125 students will be selected, if the applicant pool is above 125 applications received. Students currently attending JSTEM will receive automatic acceptance to TSTEM and the remaining available spots will be determined through an even distribution from the 5 middle schools.

Student Commitment and Parent Support

Students must exhibit an interest in STEM and must demonstrate a willingness to commit to the self-discipline required by a rigorous academic program. Parent/guardian participation in the TSTEM Academy is critical for the success of your student.

APPLICATION Completed applications can be scanned and emailed to the TSTEM Coordinator:
tgregg@judsonisd.org by January 28, 2022.

Applications must be fully completed to be considered.



TSTEM Academy

Enrollment Application

2022-2023



Student Name Last, First, Middle	Gender <input type="checkbox"/> male <input type="checkbox"/> female	Date of Birth (Month/Day/Year)
Student ID Number:	Student school email address:	
I have completed the requirements for (check all that apply): <input type="checkbox"/> Biology <input type="checkbox"/> Algebra <input type="checkbox"/> Spanish	I am declaring to be part of the ____ pathway: (check ONE): <input type="checkbox"/> Biomedical Science <input type="checkbox"/> Computer Science <input type="checkbox"/> Engineering <input type="checkbox"/> Mathematics	
School projects/tutoring and extracurricular events will take place after school. Transportation services will not be provided. I will be able to participate. <input type="checkbox"/> Yes <input type="checkbox"/> No		
What other district services do you currently receive in the district? Please indicate all that apply. (Determination of acceptance is not based on the information below, but rather for staffing purposes) <input type="checkbox"/> GT (Gifted and Talented) <input type="checkbox"/> Special Education <input type="checkbox"/> 504 <input type="checkbox"/> Dyslexia <input type="checkbox"/> Bilingual/ESL		
Indicate additional information if needed based on current district services: <hr/> <hr/>		
Applicant resides with (Name)	Relationship	
Father/Guardian Name	Home/ Cell	
Email Address	Father's Employer	Occupation
Mother/Guardian Name	Home/ Cell	
Email Address	Mother's Employer	Occupation
Signature of the person submitting the application X	Date of Application (Month/Day/Year)	
For Office Use Only:	Date Received:	Time:
Current 8th grade campus:	Gender: <input type="checkbox"/> male <input type="checkbox"/> female	
Signature of the designated person receiving application:		

It is the policy of Judson Independent School District not to discriminate based on age, race, religion, color, national origin, sex, marital or veteran status, disability (or relationship or association with an individual with a disability), genetic information, or another legally protected status in its programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. In addition, the District also provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding non-discrimination based on disability: Director of Guidance and Counseling. The following person has been designated to handle inquiries regarding compliance with Title IX and all other non-discrimination policies: Executive Director of Human Resources. 8012 Shin Oak. Live Oak, TX. 78233. (210) 945-5101