OUR HISTORY

Thunderbird STEM Academy , started in 2017, provides students the opportunity to complete a course of study that combines high school, work- based learning, and post-secondary courses, utalizing the school within a school model.

WHAT WE DO

Our program provides students with a seamless path from high school to post-secondary education and/or to employment. The Thunderbird STEM Academy offers students rigorous instruction and accelerated coursework to gain college credit and earn industry certifications.

KAREN WAGNER HIGH SCHOOL

THUNDERBIRD STEM ACADEMY

Career Ready

Upon graduation all TSTEM students will walk away with industry based certifications or workforce skills that make them marketable.

College Ready

Upon graduation all TSTEM students will graduate having met TSI criteria and earned a minimum of 15 dual credit hours and up to 52 college hours.

Work-Based Learning

Upon graduation all TSTEM students will graduate with work-based learning experiences.

TSTEM IS A P-TECH

Our Pathways in Technology Early College High School (P-TECH) is an innovative open-enrollment high school that allows students to receive tailored courses that fit their STEM interests and future careers.

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

P-TECH
PATHWAYS IN TECHNOLOGY
Early College High School

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KAREN WAGNER HIGH SCHOOL

THUNDERBIRD STEM

PATHWAYS IN TECHNOLOGY EARLY COLLEGE HIGH SCHOOL

Earn:
- high school diploma
- work credentials
- professional certificates

Enroll in:
- Advanced Placement
- dual-credit courses
- Pathway courses

Engage in:
- work-based education
- internships
- apprenticeships

OUR VISION

Development of community leaders and role models who are academically and socially prepared for life beyond high school in a future STEM-related career.

OUR GOAL

Providing opportunities for students to become college-ready graduates interested in studying and entering STEM Careers.

BENEFITS:

- Student Choices for Pathway Curriculum
- Tuition Free Program and college credit (up to 52 hours)
- Extracurricular Activities (Sports, Fine Arts, UIL)
- Dedicated TSTEM counselor and coordinator

Thunderbird STEM ACADEMY

Student's Choice of Pathway:

You Choose

- **Biomedical Science**

- **Computer Science**
  - **Software Applications**
  - **App Development**

- **Engineering**
  - **Aerospace**
  - **Robotics and Automation**