UTPB STEM Academy

1882 Partnership Proposal

December 7, 2021

Meet Our Team

Shannon Davidson
Superintendent,
UTPB STEM Academy

Kathleen Halford
Business Manager,
UTPB STEM Academy

Candice Sikes
Instructional Coach,
UTPB STEM Academy

Lucinda Hurlbut
Special Populations Coordinator,
UTPB STEM Academy

Dr. Sandra Woodley
President,
University of Texas Permian Basin

Dr. Nichole Prescott
Assistant Vice Chancellor of Academic Affairs,
The University of Texas System

Irene Perry
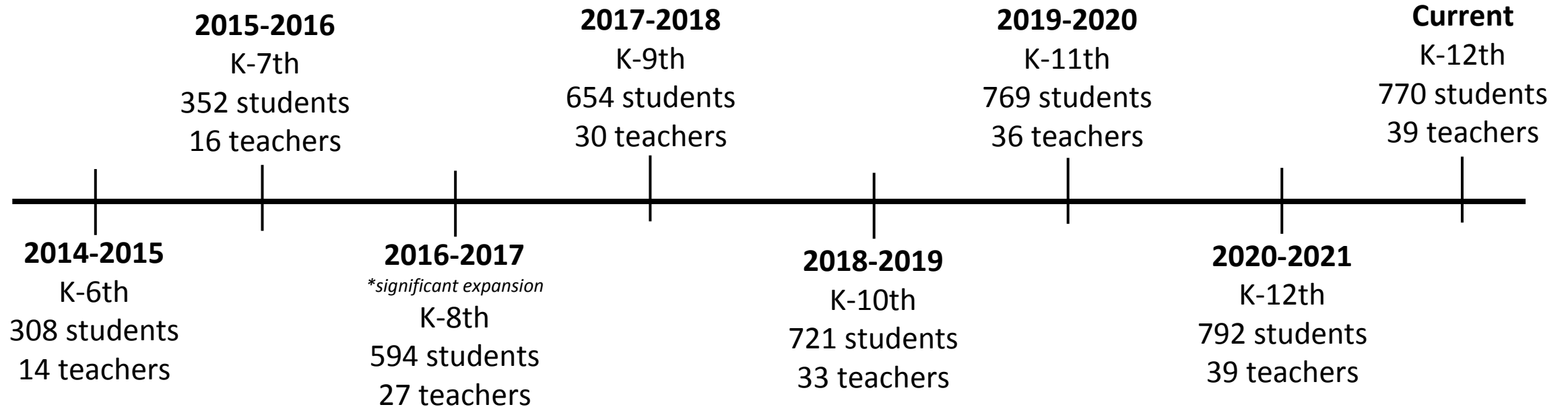*UTPB STEM Academy Board President,*
University of Texas Permian Basin

Mission Statement

The UTPB STEM Academy prepares students to be STEM college and career ready, with a shared focus on collaboration, creativity, communication, and critical thinking.
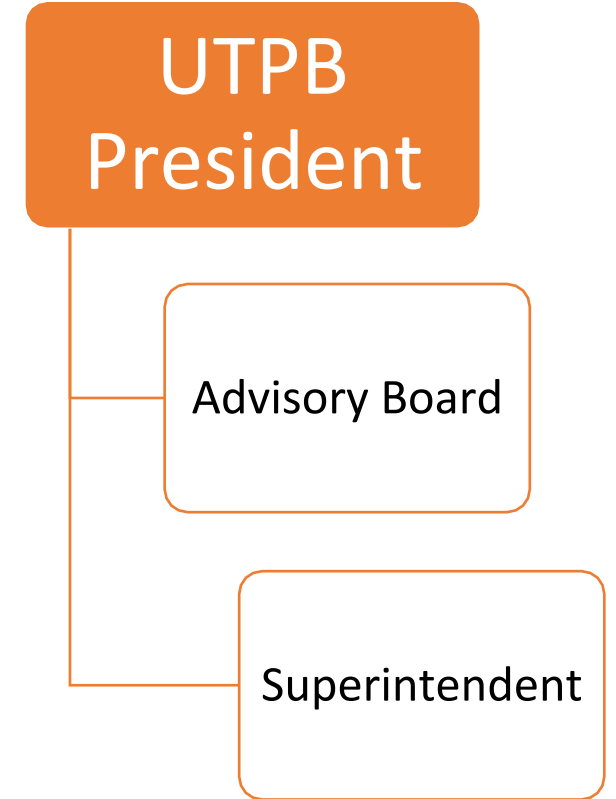
Student Enrollment History

2015-2016
K-7th
352 students
16 teachers

2017-2018
K-9th
654 students
30 teachers

2019-2020
K-11th
769 students
36 teachers

Current
K-12th
770 students
39 teachers

2014-2015
K-6th
308 students
14 teachers

2016-2017
significant expansion
K-8th
594 students
27 teachers

2018-2019
K-10th
721 students
33 teachers

2020-2021
K-12th
792 students
39 teachers

ENROLLMENT

Organizational Structure

- Approved TEA Sub Chapter D University Charter
- Charter is delegated to the President of UTPB
- President of UTPB delegates signing authority to the Advisory Board. Advisory Board who are appointed by President of UTPB, with the exception of 2 elected parent positions.
  - 7 member board
    - 2 UTPB Faculty members of College of Arts and Science
    - 2 UTPB Faculty members from the College of Education
    - 1 UTBP General Education Faculty
    - 2 Parent Board Members
- Superintendent is appointed by the President of UTPB

UTPB President

Advisory Board

Superintendent

Admission and Enrollment

- Application Period
  - March 1 to April 15
- Lottery
  - Takes place end of April
- Geographical Boundaries
  - Students from Ector and Midland Counties
- Charter is approved for up to 3,900 students

Admission Process

Schedule

- Calendar = 180 days

- Monday-Thursday 7:50am – 2:15pm

- Friday 7:50am-12:00pm

- Shortened School Days Allow For:
  - Continued student learning at home
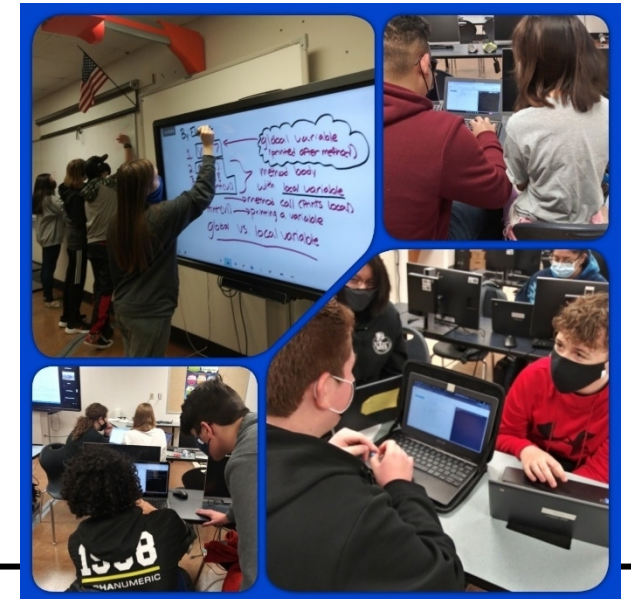 - After school tutoring and interventions
  - Professional development
  - Student enrichment

Academic Model

- Texas Essential Knowledge and Skills
- Project Based Learning
- STEM Based Learning
  - Pathways
    - Biomedical
    - Engineering
    - Computer Programming

What is Project Based Learning

The STEM Academy's Project Based Learning model includes the following progression:

1. Entry Event
2. Driving Question
3. Need to Knows
4. Student Voice and Choice
5. Research and Sustained Inquiry
6. Student Critique and Revision
7. Culminating Event

PBL Examples

Boat Races

Post Secondary Focus

- Post Secondary Ready
  - Distinguished Level of Achievement
  - College Career Military Ready (CCMR)
- Partner with UTPB Admissions Office
- Dual Credit with UTPB
  - Course fees paid by UTPB STEM
  - Focus on Texas Core 42

Parent Partnerships

- Parent/School partnerships are the backbone of student success.
- Family Engagement Activities
  - Social Events
  - Culminating Events of Projects

Financial Plan

- 2021-2022 Approved Budget - $6.3 million

- Revenue Sources:
  - ADA Funding
  - Grants: Title I, II, IV, IDEA B, ESSER

- Current Fund Balance - $5 million

**THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
STEM ACADEMY**

SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the Year Ended August 31, 2020

A. SUMMARY OF AUDIT RESULTS

1. The auditors' report expresses an unmodified opinion on the financial statements of The University of Texas of the Permian Basin STEM Academy.

2. Significant deficiencies in internal control were not disclosed by the audit of the basic financial statements.

3. No instances of noncompliance material to the financial statements were disclosed during the audit.

B. FINDINGS – BASIC FINANCIAL STATEMENT AUDIT

None Noted

C. FINDINGS – FEDERAL AWARDS

None Noted

Partnership Benefits

Benefits to UTPB STEM Academy:

- Students:
  - athletics
  - fine arts
- Facilities
- Counseling Services
- Transportation
- Food Services

Partnership Benefits

Benefits to Ector County ISD:

- Additional Choice Option for ECISD Families
- Future Middle School Option
- Collaborative Partnership with Shared Resources
- Creates Sense of Post-Secondary Belief/Hope

Thank you!