



COMMUNICATION PLAN

In 2017-18 the STEM Vision became a reality at Fabens ISD. After the T-STEM designation of Fabens High School in 2015-16 school year and Fabens Middle School the following year, a district-wide STEM Vision started to take shape.

At Fabens High School two pathways under T-STEM Academy endorsement, medical and engineering, is one of the five endorsements available to students. Fabens Middle School has implemented STEM 1-3 elective courses for grades 6-8. That left Fabens Elementary (K-3) and O'Donnell Intermediate (4-5) with the question of how Fabens STEM Vision would take place with the Wildcat Cubs.

Our mission for our younger students was to incorporate the engineering design through teamwork, investigative skills, creative skills, reasoning, testing and building. To accomplish this, STEM Clubs for Fabens Elementary and O'Donnell Intermediate were started. In addition, the Fabens Elementary Art teacher and O'Donnell's Science teacher incorporate STEM activities which align with respective curriculum.

The implementation of the engineering design through each succeeding campus would create building blocks of knowledge in the STEM fields lending itself for students making an educated decision of enrolling in STEM Academy endorsement once at the high school. This communication is not only seen through the STEM activities in the classroom but are blended in the following ways:

- Student-to-Student mentoring: high school student volunteer to mentor during STEM clubs at other campuses.
- Tour of High School Campus: eighth-graders tour Fabens High School and receive information about all endorsement including the engineering and medical pathways.
- Parent Nights: the high school hosts a STEM Parent Night.
- STEM Fiesta: a community outreach where students from elementary through high school have the opportunity of showcasing their projects, talk to universities, and high school counselors.
- Campus STEM Coordinators: ensure activities are progressive as students advance from one grade level to the next, communicate with parents of the options students have at other campuses to further their STEM education.