

Work-Based Learning

FABENS MIDDLE SCHOOL		
Grade	Source	Connection
6 th	Tech ₂ O <i>April Lopez</i> <i>Water Conservation Education Specialist</i>	Environmental Science Water Testing Engineering
7 th	XELLO	Research different types of careers based on interest.
	Skypeascientist.com	One-on-one dialogue with a professional scientist.
8 th	Texas Tech University Health Advancement for Your Future <i>Rene Andre</i> <i>Assistant Director Outreach Prog.</i>	Students tour medical facilities and are exposed to medical professionals.
	STTE Foundation <i>Joseph Sapien</i> <i>Executive Director</i>	Students are exposed to different STEM industries through STEAM ^x Competition sponsored by STTE Foundation.
	Miners Hockey Science on Ice	Learn the science behind the sport of hockey. Students will learn about the process of creating ice, how hockey sticks are made and just how much rubber it takes to make a hockey puck.
Fabens High School		
Grade	Source	Connection
9 th - 12 th	XELLO	Students create and maintain portfolio. Students will research careers based on the chosen TSTEM Programs of study.
9 th	UTEP Tour Medical/Engineering <i>Dr. J. Chessa</i> <i>Chair; Professor Mechanical Eng.</i>	Students will be touring the following departments: Biological Sciences, Chemistry, Engineering, Health Science, Financial Aid, Scholarship, Administration
10 th	NMSU Medical/Engineering	Students will tour Industrial, Geomatics, Food Science & Technology Engineering, and School of Nursing programs.
	Carl Daniel Architecture <i>Mr. Carl Daniel</i> <i>CEO</i>	Students currently in Engineering Design & Presentation will be exposed to real-world use of AutoCAD.
11 th	UTEP Tour <i>Ronnie Stout</i> <i>UTEP Center of Simulation</i> <i>Student Outreach</i>	Students will tour the SimLab, medical research laboratories, and sports medicine at the Health Science department.
12 th	University of New Mexico (UNM)	Students will tour School of Medicine and Chemical, Construction, and Nuclear Engineering.