

Coronado High School

Mackenzie Middle School

LUBBOCK INDEPENDENT SCHOOL DISTRICT



THE EVOLUTION OF STEM IN LUBBOCK ISD
A Coronado High School Story



Texas – STEM Blueprint

- 1) Mission driven leadership
- 2) School culture & design
- 3) Student outreach, recruitment, retention
- 4) Teacher selection, development and retention
- 5) Curriculum, instruction, and assessment
- 6) Strategic alliances
- 7) Academy advancement and sustainability

DR. JERRY ADAMS

New Deal ISD

- **New Deal High School**
 - STEM Designation

Lubbock ISD

- **Coronado High School**
 - STEM Designation
 - *College Ready, Career Ready, & Life Ready*
 - Culture
 - *Teacher-Centered vs. Student Centered Culture*
 - AVID – National Demonstration School
 - Project Based Learning
 - Instructional Rounds
 - Robotics Club
 - UIL Academics
 - Engineering program
 - *Engineering Your World – UT*
 - *Infinity Project- SMU*
 - Advanced Technology Center
 - Weighted courses

MR. JOHN MARTINEZ

Abilene ISD

- **A.T.E.M.S.**
 - STEM Designation

Lubbock ISD

- **Mackenzie Middle School**
 - STEM Designation
 - Engineering program
 - *Infinity Project - SMU*
 - *PITSCO Lab*
 - Culture
 - *Robotics Club*
 - *MakerSpace*
 - *Project Based Learning*
 - *STEM/STEAM Camps*
 - *UIL Academics*
 - *Mackenzie Goes to College*
 - Foundation for Excellence Lubbock ISD Grants
 - *STEM Kits for Science \$1000*
 - *STEM Patio \$2500*
 - *STEM Robotics \$1000*
 - *STEAM Camp \$1000*

LUBBOCK ISD STEM INITIATIVE

The district is committed to establishing MakerSpaces in nine elementary schools and three middle schools that feed into Coronado High School. The MakerSpaces will include 3D printers and robotics. The district will also be establishing a Maker competition beginning in the fall of 2016.

Coronado High School ~ Irons Middle School ~ Mackenzie Middle School ~ Wilson Middle School ~ Bowie Elementary School ~ Centennial Elementary School ~ Hardwick Elementary School ~ Rush Elementary School ~ Smith Elementary School ~ Stewart Elementary School ~ Wester Elementary School ~ Whiteside Elementary School ~ Williams Elementary School