



T-STEM Centers



T-STEM CENTERS

- **Center for STEM Education and Research**
University of Texas at Dallas
- **Transformation 2013**
Collaborative of Regions 13 and 20 ESC's
Austin & San Antonio
- **Aggie STEM Center**
Texas A&M University
College Station
- **Southeast Regional T-STEM Center**
University of Texas Medical Branch, Galveston
- **El Centro Del Futuro**
Region 1 ESC
Edinburg
- **East Texas STEM Center**
Ingenuity Center
University of Texas at Tyler
- **Texas Tech T-STEM Center**
Texas Tech University
Lubbock

WHAT ARE T-STEM CENTERS?

The Texas High School Project, working with the Texas Education Agency, supports the development of seven T-STEM Centers tasked with supporting T-STEM Academies and all Texas schools by designing innovative science, technology, engineering, and mathematics (STEM) curricula, delivering professional development and creating strategic partnerships among businesses, higher education entities, and school districts. T-STEM Centers are located at universities and regional education service centers throughout the state.

SIX GOALS OF T-STEM CENTERS

- Align high school, postsecondary education and economic development activities in STEM areas with the broader high school curriculum.
- Lead the transformation of teaching methods, teacher preparation, and instruction in STEM areas.
- Demonstrate how the implementation of T-STEM teaching and learning increases the number of Texas high school students from diverse backgrounds graduating prepared to succeed in postsecondary study and careers in STEM-related fields.
- Train administrators, principals, and teachers in effective leadership strategies for supporting T-STEM instruction.
- Disseminate promising practices and research-based strategies for integrated STEM teaching and learning.
- Improve student achievement outcomes in mathematics and science and increase the number of students who pursue postsecondary studies and careers in science, technology, engineering, and mathematics.