



The T-STEM Design Blueprint is a guide to build and sustain STEM schools that incorporates the seven benchmarks of:

- 1 Mission Driven Leadership
- 2 T-STEM Culture
- 3 Student Outreach, Recruitment, and Retention
- 4 Teacher Selection, Development and Retention
- 5 Curriculum, Instruction, and Assessment
- 6 Strategic Alliances
- 7 Academy Advancement and Sustainability

The cornerstone of T-STEM Academy learning is student engagement and exposure to innovation and design in STEM-focused instruction and learning that models real-world contexts. T-STEM Academies serve as demonstration sites to inform math and science teaching and learning statewide. The T-STEM initiative aims to closely align high school curriculum with admission requirements of competitive colleges and the STEM qualifications for 21st century jobs.