

## Short Version Promising Practice

### East Valley School District

**Event:** Project Lead the Way

**Target:** 9<sup>th</sup>-11<sup>th</sup> grades

**Activity:** Tier One: Foundation

- **Introduction to Engineering Design™**—uses a design development process while enriching problem solving skills; students create and analyze models using specialized computer software.

**Purpose:** These students are experiencing the hands-on, real-world approach of Project Lead the Way (PLTW). The PLTW curriculum allows students to see how the lessons they learn in the classroom are valuable tools to be applied in their everyday lives.

**Results:** High school students involved in PLTW strive to complete a minimum of the three foundation courses, one specialization course, and the capstone course. The Pathway To Engineering system works in any standard four-year sequence and prepares students for two- or four-year college studies in engineering and E/T by exposing them to the true scope of the field. Most courses can earn course credit at accredited colleges and universities.

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