



Nevada STEMList of Recommended STEM Programs



Project Lead The Way

Program Overview

Project Lead The Way (PLTW) is a nonprofit organization that provides a transformative learning experience for K-12 students and teachers across the U.S. PLTW empowers students to develop in-demand, transportable knowledge and skills through pathways in computer science, engineering, and biomedical science. PLTW's teacher training and resources support teachers as they engage their students in real-world learning. There are more than 12,000 elementary, middle, and high schools in all 50 states and the District of Columbia offering PLTW programs.

Target Population Grades or Ages

PreK-12

A Unique or Special Focus of the Program

PLTW inspires and empowers PreK-12 students to build and demonstrate in-demand transportable skills by applying problem-solving strategies to complex, real-world challenges.

Impact on Participants

Research demonstrates that PLTW students outperform their peers in school, are better prepared for post-secondary studies, and are more likely to consider careers in STEM compared to their non-PLTW peers. Students find PLTW programs relevant, inspiring, engaging, and foundational to their future success.

Specific Skills

Through PLTW programs, students develop in-demand, transportable skills – such as problem solving, critical and creative thinking, collaboration, and communication – that they will use both in school and the rest of their lives, on any career path they take.

Resources Provided to Facilitators/Users

PLTW's professional development is designed to create dynamic learning experiences for educators through powerful and flexible instructional support, as well as an ongoing professional community. PLTW's approach prepares educators to lead the engaging PLTW experience in their classrooms as facilitators and coaches, guiding students through their own learning.

Website

www.pltw.org

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