



STEMworks – STEM Advisory Council’s Approved STEM Program October 2017

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. More than 10,500 elementary, middle, and high schools in all 50 states and the District of Columbia offer PLTW programs.

TARGET GRADES

K-12

A UNIQUE OR SPECIAL FOCUS OF THE PROGRAM

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

THE PROGRAM’S IMPACT ON STUDENTS

Students find PLTW programs relevant, inspiring, engaging, and foundational to their future success; research demonstrates that PLTW students outperform their peers in school, are better prepared for post-secondary studies, and are more likely to consider careers as scientists, technology experts, engineers, mathematicians, healthcare providers, and researchers compared to their non-PLTW peers.

SPECIFIC SKILLS STUDENTS WILL LEARN

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 EDUCATORS

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

CONTACT INFORMATION

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