

Project Lead The Way (PLTW) is America's leading provider of in-school curriculum for science, technology, engineering, and mathematics (STEM) education. Through world-class curriculum, high-quality professional development, and an engaged network, PLTW's mission is to prepare students for the global economy.

From 2008 to 2018, STEM occupations are expected to grow far more quickly than the economy as a whole, creating an estimated 2.4 million job openings in STEM.* **Project Lead The Way** is transforming STEM education in the classroom, both for teachers and students, in order to meet this critical workforce need.

PLTW has the best STEM curriculum for schools in the world. We have examined what other countries have to offer and there is none better within in the scope of my experience. PLTW would not be a partner with Toyota if its curriculum was anything less.

– **Dennis Parker**
Toyota North America Production Support Center
Georgetown, KY

Project Lead The Way engages student learning through three programs:



GTT

Gateway To Technology
Middle School Curriculum
Grades 6 - 8



PTE

Pathway To Engineering
High School Curriculum
Grades 9 - 12



BMS

Biomedical Sciences
High School Curriculum
Grades 9 - 12

Leading the Way

STUDENTS: Educators call it “STEM,” but PLTW students find it to be an approach to learning that fuels imaginative thinking, creative problem solving, and innovative solutions. PLTW student alumni continue on to study engineering and technology in greater numbers than the national average.

PARENTS: PLTW students achieve significantly higher scores in reading, mathematics, and science, and in some cases have the opportunity to receive college credit. They earn higher GPAs as freshmen in college and experience a higher retention rate in college engineering, science, and related programs than non-PLTW students.

TEACHERS: Over 3,000 PLTW teachers are trained annually using our rigorous approach, allowing for continuous professional development. Teachers are provided an in-depth overview and hands-on, course-specific training with a strong focus on pedagogy and professional networking.

ADMINISTRATORS: Over 4,700 schools in all 50 states have adopted our hands-on, activities-, project-, problem-based (APPB) in-school curriculum for middle and high schools. PLTW is transforming STEM education in classrooms across the United States. Additionally, schools and districts that offer PLTW often report higher test scores in math and science, as well as overall greater student achievement.

COMMUNITY AT LARGE: PLTW courses are preparing students to become the most innovative and productive in the world – ensuring the critical need for STEM workers is filled and communities are economically strong.

* Full report by Georgetown University, Georgetown Public Policy Institute, Center on Education and the Workforce may be found at www.cew.georgetown.edu/stem/