

Talking Points for PLTW Students

- Project Lead The Way (PLTW) is a national program used in over 160 schools in Wisconsin that prepares students to enter college or careers in science, technology, engineering and math (STEM).
- There are over 20,000 Wisconsin students enrolled in PLTW.
- The Milwaukee Public School System is ranked #1 in the nation in the number of students enrolled in the PLTW program and Wisconsin is ranked #4.
- Wisconsin's Universities, Colleges and Technical Schools have made it possible for PLTW students to apply some of their STEM courses toward their college entrance credits.
- PLTW programs in Wisconsin schools are preparing students to be competitive in an ever expanding globalized economy where information and technology are the leading disciplines.
- STEM subjects will play a critical role in over 70% of all jobs in Wisconsin's and the world's future economies.
- Employers in Wisconsin and across the nation are increasingly looking for workers with STEM related educations, skills and experience.
- PLTW students in middle school experience activity-oriented courses that infuse math and science concepts in projects based on design and modeling, automation and robotics, and flight.
- PLTW students in high school study the core concepts of design, the principals of engineering and digital electronics.
- PLTW schools may offer specialized courses in: Aerospace Engineering; Biotechnical Engineering; Manufacturing; Civil Engineering and Architecture.
- Many PLTW schools are collaborating with Wisconsin companies such as Rockwell Automation, P&H Mining Corporation and 3M.