

Project Lead The Way

What are the benefits of PLTW to schools?

- Partnerships with other school districts, colleges and universities and industry to offer pre-engineering programs for their students.
- A fully developed curriculum for the high school and middle school.
- A program that supports efforts to raise learning standards.
- A program that applies and reinforces concepts in math and science.
- A teacher training program that provides ongoing support and networks with colleges to prepare new teachers to enter the profession.
- A plan for selecting appropriate equipment, software and materials that incorporates a highly efficient bidding system.
- A comprehensive awareness program for school counselors and their students that includes an annual conference, information packets, descriptive brochures and videos.
- Articulation agreements with colleges that enable students to receive college credit and a competitive edge in applying to colleges.
- An organizational structure that offers a continuing program support mechanism at the local, regional, state and national levels.
- A commitment to continuous improvement.

Which students would benefit from enrolling in a pre-engineering course?

Any student who is enrolled in a college preparatory math course is eligible for the PLTW pre-engineering program. Students who also have an interest in science and math should be encouraged to consider the program as a means of career exploration. Those who find the engineering program of interest can complete all 5 courses in the sequence to become fully prepared for a 2 or 4 year college program in engineering or engineering technology. Others will find out in high school that engineering is not for them and will have time to prepare for another career path.