



PROJECT LEAD THE WAY

PLTW



PLTW Engineering

Empower your students to step into the role of an engineer.

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality.

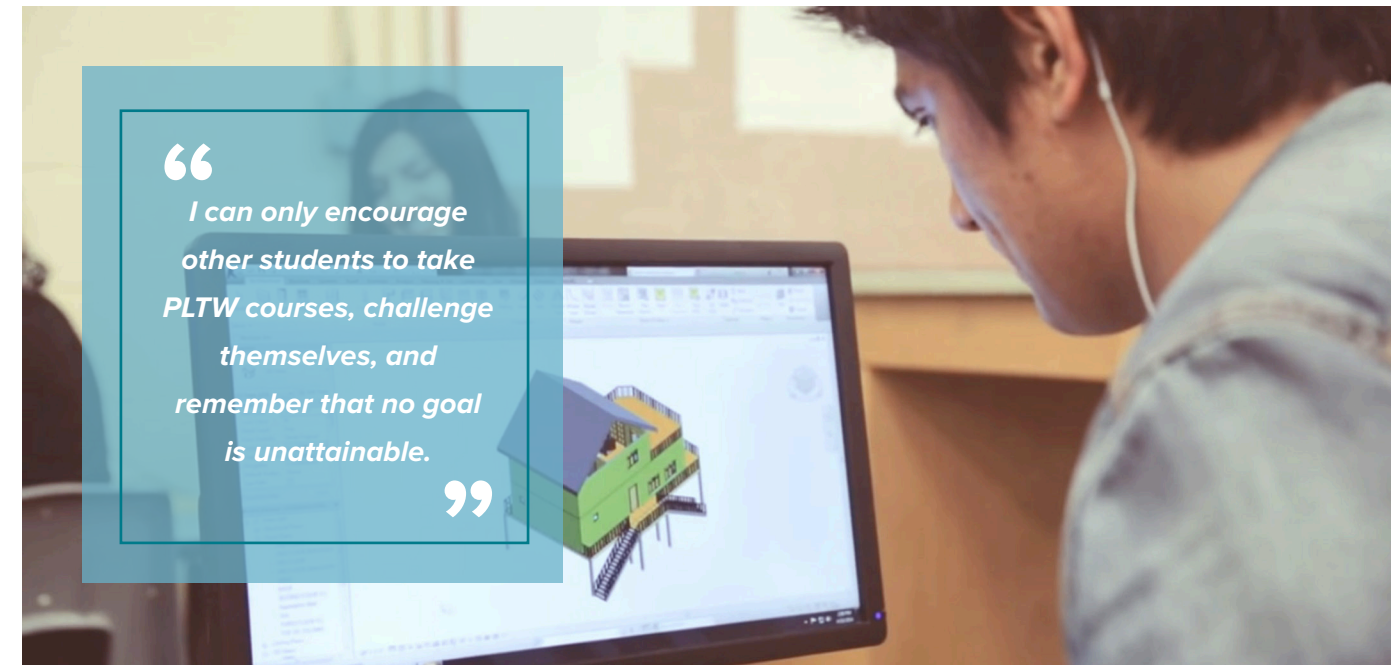
Through course offerings like Computer Integrated Manufacturing, Environmental Sustainability, and Civil Engineering and Architecture, PLTW Engineering empowers students in grades 9-12 to **step into the role of an engineer**, adopt a problem-solving mindset, and make the leap from dreamers to doers.

The program engages students in collaborative, real-world activities like working with a client to design a home, programming electronic devices or robotic arms, or exploring algae as a biofuel source. As **students work together to design and develop solutions** to local and global challenges, they engage in problem-solving strategies and critical and creative thinking. And by pushing themselves to rework and refine their projects, PLTW Engineering students learn that perseverance is key to learning and innovation.

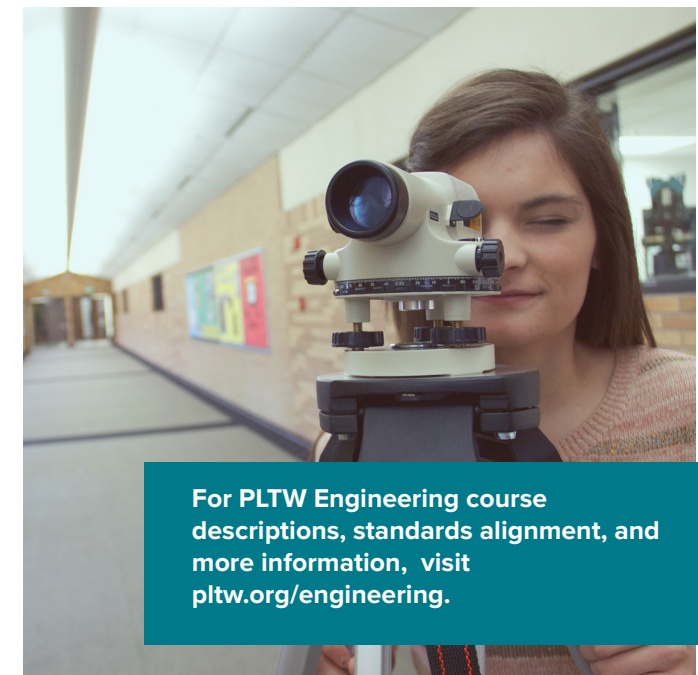
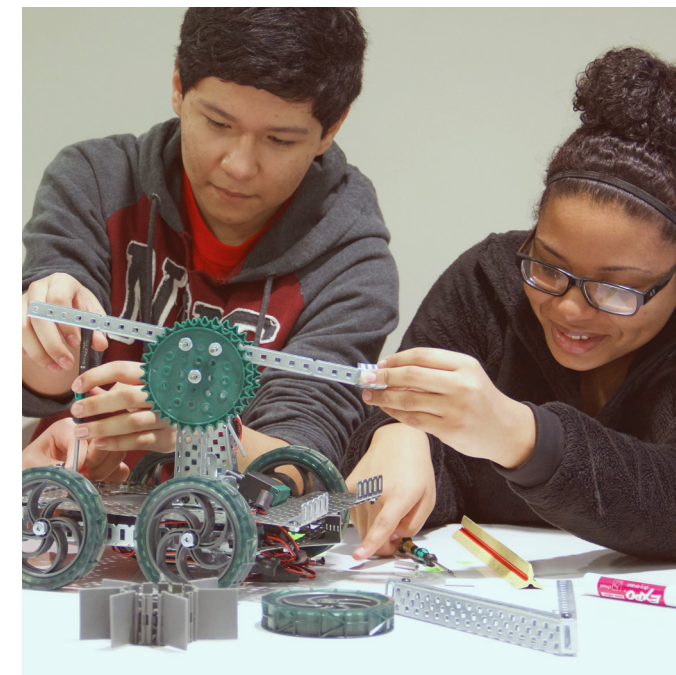
The program's sequence of courses **empowers students** to develop in-demand knowledge and skills they'll use in high school and for the rest of their lives, on any career path they take. A few ways PLTW Engineering students are applying their learning to make a difference:

- Developing safety improvements for infant car seats
- Transforming a vintage Airstream trailer into a green teachers lounge
- Designing a wilderness search-and-rescue system
- Blending passions for design and music through a career in custom-guitar manufacturing
- Inventing a product that's now for sale through an international robotics company

Just imagine what your students can do.



“
*I can only encourage
other students to take
PLTW courses, challenge
themselves, and
remember that no goal
is unattainable.*
”



For PLTW Engineering course descriptions, standards alignment, and more information, visit pltw.org/engineering.



3939 Priority Way South Drive, Suite 400
Indianapolis, IN 46240

877.335.PLTW

pltw.org