PLTW
GATEWAY

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Spark engagement in your classroom.

Middle school is a time of exploration, a time when students are figuring out what they're **passionate about today** and how that relates to **who they'll become tomorrow**.

During this transitional time in students' lives, PLTW Gateway **sparks a joy of discovery** and illuminates the range of paths and possibilities they can look forward to in high school and beyond. The program's hands-on projects in computer science, engineering, and biomedical science boost classroom engagement and excitement, support student-led learning and teamwork, and **inspire "aha! moments" and deep comprehension**.

Tackling pressing challenges like designing a therapeutic toy for a child with cerebral palsy, cleaning up an oil spill, or solving a fictional crime, students learn to test their limits and question what's possible. As students learn how things work and apply what they know to address challenges, questions like "When am I ever going to use this?" disappear from the classroom. And by challenging themselves to rework and refine their projects, PLTW Gateway students learn that both failed attempts and persistence are **key to learning and innovation**.

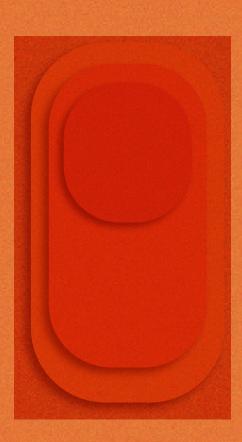A few of the hands-on challenges PLTW Gateway students engage in:

- Examining ways to cut energy consumption
- Creating mobile apps that help clients overcome obstacles
- Designing a home created from a reclaimed shipping container

For PLTW Gateway unit descriptions, standards alignment, and more information, visit **pltw.org/gateway**.

> " [PLTW] Gateway teaches students to think differently than any other subject."

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