

Design and Modeling (PLTW)

DM8476 9 weeks

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Course Description

Suggested Grade Level: 6 or 7 or 8

In this unit, students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy. Only Project Lead the Way (PLTW) member schools with approved PLTW agreements are eligible to offer this course.

Curriculum Framework

Project Lead The Way (PLTW) curriculum guides and course competencies are only available to PLTW affiliated schools through agreement with PLTW. To obtain additional information contact: Project Lead The Way 3939 Priority Way South Drive, Suite 400 Indianapolis, IN 46240 Toll Free: 877.335.PLTW (7589) Local: 317.669.0200 <https://www.pltw.org>

Appendix: Career Cluster Information

Career Cluster: Science, Technology, Engineering and Mathematics	
Pathway	Occupations
Engineering and Technology	Aeronautical Drafter Assembler Electronic Drafter Electronics Engineering Technician Engineer Engineering Technician Mechanical Drafter Mechanical Engineer Mechanical Engineering Technician
Science and Mathematics	Secondary School Teacher