

Energy and the Environment (PLTW)

EE8479 9 weeks

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Course Description

Suggested Grade Level: 7 or 8

In this unit, students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They use what they've learned to design and model alternative energy sources, as well as evaluate options for reducing energy consumption. 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	Agricultural Engineer Assembler Electrical Engineer Electro-Mechanical Technician Electronics Engineering Technician Engineer Engineering Technician Environmental Engineer Power Systems Engineer

Career Cluster: Science, Technology, Engineering and Mathematics	
Pathway	Occupations
Science and Mathematics	Biologist Chemist Environmental Scientist Geoscientist Hydrologist Secondary School Teacher