

Medical Detectives (PLTW)

MD8479 9 weeks

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Course Description

Suggested Grade Level: 7 or 8

In this unit, students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a “crime scene.” They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health. 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 | |
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| Pathway | Occupations |
| Engineering and Technology | Assembler Biomedical Engineer Engineer Engineering Technician |
| Science and Mathematics | Biologist Research Chemist Secondary School Teacher |