

HOSA-PLTW MIDDLE SCHOOL CROSSWALK



Courtesy of Project Lead The Way

HOSA AND PLTW MIDDLE SCHOOL CROSSWALK

HOSA–Future Health Professionals is the largest student organization for those interested in pursuing careers in the health professions. The purpose of HOSA is to develop leadership and technical skills as an integral part of the instructional program. The competitive events program allows students to pursue academic, technical, and leadership and teamwork abilities through participation. The development of these skills leads to providing the pipeline for the health providers of the future. The organization serves three divisions: postsecondary, secondary and middle school. Beginning with the HOSA 2016 International Leadership Conference, competitive events were offered for the middle school division.



Courtesy of Project Lead The Way

Project Lead The Way's PLTW Gateway program, designed for grades six through eight, engages students in biomedical science, computer science, and engineering activities and career exploration. The program empowers students to build knowledge and skills in problem solving, critical and creative thinking, communication, collaboration, and perseverance. In the PLTW Gateway Medical Detectives unit, students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, dissect a sheep brain, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

The three lessons of the Medical Detectives unit are designed to promote the investigation of the biomedical sciences:

- Lesson 1 Disease Detectives**
- Lesson 2 Mysteries of the Human Body Systems**
- Lesson 3 Outbreak!**

MIDDLE SCHOOL DIVISION HOSA COMPETITIVE EVENTS

- **Barbara James Service Award**
- **Dynamic Decisions**
- **Exploring Medical Innovations**
- **Extemporaneous Health Poster**
- **Foundations of Medical Reading**
- **Foundations of Medical Terminology**
- **Foundations of Nutrition**
- **Health Career Display – Middle School**
- **Health Career Exploration**
- **Health Career Preparation**
- **Health Education**
- **HOSA Happenings**
- **Healthy Lifestyle**
- **Life Threatening Situations**
- **Math for Health Careers**
- **National Service Project**
- **Prepared Speaking**
- **Public Health**
- **Speaking Skills**

Find additional information regarding the specific events @ hosa.org/guidelines

HOSA and PLTW are vested in a national partnership to provide a variety of unique strategies to enhance student engagement and learning. The following resource provides a customized crosswalk of the PLTW Medical Detective lessons to the HOSA Middle School Competitive Events Program. Each “X” in the following crosswalk indicates a connection between content in a particular lesson and indicates an opportunity to include and reinforce knowledge and skills needed for successful preparation for specific HOSA competitive events



HOSA–PLTW GATEWAY MEDICAL DETECTIVES CROSSWALK

| Project Lead The Way | Medical Detectives | | |
|------------------------------------|--------------------|---|---|
| Middle School | | | |
| Lessons: | 1 | 2 | 3 |
| Barbara James Service Award | | | |
| Dynamic Decisions | X | X | X |
| Exploring Medical Innovations | X | X | X |
| Extemporaneous Health Poster | X | X | X |
| Foundations of Medical Reading | X | X | X |
| Foundations of Medical Terminology | X | X | |
| Foundations of Nutrition | | | |
| Health Career Display | X | X | X |
| Health Career Exploration | X | X | X |
| Health Career Preparation | X | X | X |
| Health Education | X | | X |
| HOSA Happenings | | | |
| Healthy Lifestyle | X | | |
| Life Threatening Situations | | | |

| Project Lead the Way | | Medical Detectives | | |
|-----------------------------|----------|---------------------------|----------|--|
| Middle School | | | | |
| Lessons: | 1 | 2 | 3 | |
| Math for Health Careers | X | X | X | |
| National Service Project | | | | |
| Public Health | X | X | X | |
| Prepared Speaking | X | X | X | |
| Speaking Skills* | X | X | X | |
| HOSA Service Project | | | | |