PLTW Human Body Systems
2026-27
Instructional Plan

Created on August 7, 2026

Contact Information

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COURSE DESCRIPTION

Students will be exploring the different body systems and their functions including the skeletal system, nervous system, endocrine system, cardiovascular system, respiratory system, digestive system, and urinary system. Students will learn through hands-on exploration through dissection and models.

COURSE ACTIVITIES

Below you will find descriptions of the most common activities that students will participate in during the course of each semester.

Throughout the year, students will:

- Create models on Manikens of the body systems
- Map and organize the relationship between body systems
- Dissection of animal organs and joints
- Explore diagnosis of different diseases

GRADES – Click here for → YWLA Grading Policy

Major (Test, Projects, Writing)	60%
Minor (Notes, Daily Work)	40%

Classroom Resources (examples below)

- Project Lead the Way Digital Resources
- Google Classroom
- Maniken Clay Models
- YouTube
- Vernier Graphical Analysis App
- Tinkercad
- Career Connections with community members

COURSE OBJECTIVES AND TOPICS

- Unit 1: Bones and Muscles
- Unit 2: Research the Endocrine System
- Unit 3: Cardiopulmonary
- Unit 4: Renal and Digestive System

YOUNG WOMEN'S Leadership Academy

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Anything else you want to include for your course:

Please keep in mind that this course has sheep and cow dissections built into the curriculum. If students need to be excused for religious purposes, please have your student reach out to me to have an alternative assignment. We will also dig into diagnoses of diseases. This can be a sensitive topic for individuals who have dealt with chronic or terminal diseases.

Please feel free to reach out with any questions or concerns. We are excited to work together to make this a successful year of learning!