Grade 5 - Human Body (Red)

Overview

The human body may be the most complex and versatile object in the world. Dozens of systems coordinate to perform the myriad operations that we require of it at all times. This module addresses the human skeleton, its articulations, the muscles that power the body, and the conditioning that keeps the body in tip-top shape.

Expectations

Students will

- Observe and investigate the human skeletal and muscle systems.
- Become aware of the versatility of movement provided by an articulated skeleton.
- Gain experience with the use of photographs, diagrams, and model bones to gather information.
- Build mechanical models to demonstrate how muscles are responsible for human movement.
- Compare the bones and muscles in their own bodies to photographs and models.
- Investigate response time of hands and feet.
- Develop an awareness of human bone and muscle structure and function and an appreciation for the versatility of the human body.
- Acquire the vocabulary associated with the human skeletal and muscle systems.
- Use scientific thinking processes to conduct investigations and build explanations: observing, communicating, comparing, organizing.

Assessments

FOSS assessment is organized into three categories:

- **Content knowledge**: the facts and scientific concepts of the module
- **Conducting Investigations**: the skills needed for successful inquiry
- **Building Explanations**: the communication of ideas and evidence to support student learning

*Formative* and *summative* assessment strategies help the teacher understand what the students have learned and can do. Throughout the investigations, teachers use formative assessment strategies to inform their instruction, and the end-of-module and portfolio summative assessments provide evaluate information.

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