



curriculum links

Grade 5:

- Science and Technology
*Understanding Life Systems:
Human Organ Systems*



overview

In this activity, students will interact with human organs inside a 3-D human torso and discover why water is essential to our body's organs and life systems.

grade 5 expectations

Fundamental Movement Skills

Overall Expectations

- 💧 Analyse the impact of human activities and technological innovations on human health;
- 💧 Investigate the structure and function of the major organs of various human body systems;
- 💧 Demonstrate an understanding of the structure and function of human body systems and interactions within and between systems.

Specific Expectations

Relating Science and Technology to Society and the Environment

- 💧 Assess the effects of social and environmental factors on human health, and propose ways in which individuals can reduce the harmful effects of these factors and take advantage of those that are beneficial.

Developing Investigation and Communication Skills

- 💧 Use scientific inquiry/experimentation skills to investigate changes in body systems.



Water for Life



- Design and build a model to demonstrate how organs or components of body systems in the human body work and interact with other components. (Model already present, but hands on experience learning how to demonstrate each component).
- Use appropriate science and technology vocabulary, including circulation, respiration, digestion, organs, and nutrients.

Understanding Basic Concepts

- Identify major systems in the human body and describe their roles and interrelationships.
- Describe the basic structure and function of major organs in the respiratory, circulatory, and digestive systems.
- Identify interrelationships between body and systems.

Key Terms

Transported: moved from one place to another.

Dehydration: loss of water from the body.

Regulates: Controls or maintains.

