



Science Virtual Learning

LEP Science

Human Body Systems

Overview

May 11, 2020



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Lesson: May 11, 2020

Objective/Learning Target: I can name some human body systems and explain how they are a bigger part of the whole organization of me.



Let's get started

Begin by reading this article about the Human Body.
[Organization of the Human Body article](#). As you read, you will come across questions. Answer those.
When you get to the videos, the links to the videos are listed below.

[Specialized Cells and Tissues video](#)
[Google Body Browser video link](#)

Answers to questions during the reading.

1. “Many human cells are specialized in form and function, as shown in the figure below. Each type of cell in the figure plays a specific role. For example, nerve cells have long projections that help them carry electrical messages to other cells. Muscle cells have many mitochondria that provide the energy they need to move the body
2. “**Epithelial tissue** is made up of cells that line inner and outer body surfaces, such as the skin and the lining of the digestive tract. **Epithelial tissue** protects the body and its internal organs, secretes substances such as hormones, and absorbs substances such as nutrients.
Muscle tissue is made up of cells that have the unique ability to contract, or become shorter. Muscles attached to bones enable the body to move.”



Let's get started

Answers to questions during the reading.

3. “An **organ** is a structure that consists of two or more types of tissues that work together to do the same job. Examples of human organs include the brain, heart, lungs, skin, and kidneys.

4. “The human body is organized at different levels, starting with the cell. Cells are organized into tissues, and tissues form organs. Organs are organized into organ systems such as the skeletal and muscular systems.”



Lesson Activity

Watch this [Video](#) and take notes as it goes.



Lesson Activity

Use the following [web site](#) to move about and learn about the different human body systems. As you do, try to fill out the [Human Body Systems Overview](#).

If the web page is confusing, you can use this [PDF](#) to scroll through the different body systems.

Over the next several lessons, we will fill in the chart together and you will get the answers then.



More Practice

Let's play a game to see how we are coming along.

Here's another matching game that works your recognition of the different body systems.



Additional Resources

This [study stack](#) page will provide you with multiple ways to practice what you know about body systems.