



Science Virtual Learning

LEP Science

Human Body Systems: Structure and Function

Nervous and Endocrine

May 14, 2020



LEP Science
Lesson: May 14, 2020

Objective/Learning Target:

I can explain the basic structure and function of the Nervous and Endocrine Systems



Let's get started

Copy the attached chart on to a sheet of paper (or make a copy of it in your google drive). You will want to keep this for the lessons this week as we will be adding to it daily.

[Human Body Systems chart](#)



The Nervous System

Begin by watching this [video](#) and answering the questions under the “Think” tab (you will be asked for your name to answer the questions--just use your first name or a school appropriate nickname).



Video answers

1. A
2. B
3. C
4. A
5. D
6. B

Here are the key things to remember about the nervous system: (hint: take notes)

1. The function of the nervous system is communication. It is similar to the nucleus of a cell in that it controls what happens in the body and how the body will respond to stimuli.
2. The nervous system is made of two main parts: Central Nervous System (Brain and Spinal Cord) and the Peripheral Nervous System (all other nerves: motor=motion and sensory=sensation)
3. Without the CNS (Central Nervous System) the PNS (Peripheral Nervous System and life would not go on for the organism)



Next, let's look at the Endocrine System.

Note:

The Endocrine system is the chemical control system for the body. It responds to stimuli from the CNS to release chemicals (called hormones) into the body in order to elicit a response.



Play this game to learn more about the functions of the Endocrine System

[Game for the Endocrine system](#)



As you have been interacting with videos and games, you should have also been trying to fill in your [Human Body Systems chart](#). Let's take a look at what you should have [here](#)



Here are some more fun resources

[Brain games](#)

Here are some other informational resources

[Nervous System](#)

[Endocrine System](#)