

Human Anatomy and Physiology

Overview: Unit 5 [SKYWARD ACCESS](#)

Unit 5: Nervous System

Topics

1. Nervous System

Topic 1	Nervous System
Essential Questions	<ol style="list-style-type: none">1. How does the body receive information from the environment?2. How is sensory information sent and received within the body?3. How does the nervous system process and control behavior?
“I Can”	<ol style="list-style-type: none">1. compare and contrast essential terms of the human nervous system.

Unit 5 STANDARDS
Next Generation Science Standards (NGSS)
<p>HS-LS1-2. Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms. [Clarification Statement: Emphasis is on functions at the organism system level such as nutrient uptake, water delivery, and organism movement in response to neural stimuli. An example of an interacting system could be an artery depending on the proper function of elastic tissue and smooth muscle to regulate and deliver the proper amount of blood within the circulatory system.] [Assessment Boundary: Assessment does not include interactions and functions at the molecular or chemical reaction level.]</p>
<p>HS-LS1-3. Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis. [Clarification Statement: Examples of investigations could include heart rate response to exercise,...] [Assessment Boundary: Assessment does not include the cellular processes involved in the feedback mechanism.]</p>