

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Career and Technical Education	Course:	Medical Anatomy II	Unit 1 Title:	Nervous System	Grade Level(s):	10-12
Assessed Trimester:	A	Pacing:	5-7 Days	Date Created:		Last Revision Date:	11/2014

<b>Course Understandings:</b> <i>Students will understand that:</i> <ul style="list-style-type: none"><li>Each body system has a unique structure and purposeful location.</li><li>The function of each body system is both unique and interconnected.</li><li>The interruption or improper function of a body structure may lead to disease a disorder.</li></ul>
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DESIRED RESULTS (Stage 1) - WHAT WE WANT STUDENT TO KNOW AND BE ABLE TO DO?

Established Goals	
<ul style="list-style-type: none"><li></li></ul>	
Transfer	
<b>Students will be able to independently use their learning to: (product, high order reasoning)</b> <ul style="list-style-type: none"><li>Explain the structural and functional classifications of the nervous system.</li><li>Explain the function of sensory and motor neurons.</li><li>Contrast the effects of the sympathetic and parasympathetic nervous systems.</li></ul>	
Meaning	
<b>Unit Understanding(s):</b> <b>Students will understand that:</b> <ul style="list-style-type: none"><li>Each body system has a unique structure and purposeful location</li><li>The function of each body system is both unique and interconnected</li><li>The interruption or improper function of a body structure may lead to disease a disorder</li></ul>	<b>Essential Question(s):</b> <b>Students will keep considering:</b> <ul style="list-style-type: none"><li>Where are the organs of each body system located?</li><li>What are the basic structural functions of each body system?</li><li>How are the systems of the body interdependent?</li></ul>
Acquisition	
<b>Knowledge - Students will:</b> <ul style="list-style-type: none"><li>Define the CNS and PNS and list the major parts of each</li><li>Classify neurons according to structure and function</li></ul> <b>Reasoning - Students will:</b> <ul style="list-style-type: none"><li>Define the reflex arc and its elements</li></ul>	<b>Skills - Students will:</b> <ul style="list-style-type: none"><li>List the general functions of the nervous system</li><li>List factors that influence brain development</li></ul>

<b>Common Misunderstandings</b> <ul style="list-style-type: none"><li>Difference between afferent and efferent pathways</li><li>Difference between sympathetic and parasympathetic systems</li></ul>	<b>Essential new vocabulary</b>		
	<ul style="list-style-type: none"><li>efferent</li><li>afferent</li><li>sympathetic</li><li>sensory</li></ul>	<ul style="list-style-type: none"><li>axon</li><li>CSF</li><li>parasympathetic</li><li>autonomic</li></ul>	<ul style="list-style-type: none"><li>dendrite</li><li>reflex arc</li><li>meninges</li><li>ventricles</li></ul>

	<ul style="list-style-type: none"><li>• motor</li></ul>	<ul style="list-style-type: none"><li>• somatic</li></ul>	