



## LESSON 8

<b>Lesson Plan Title:</b> Chain of Infection		<b>Instructor:</b>
<b>Suggested Total Time for Lesson (minutes):</b> 60-90 minutes (2 days)		
<b>Content Focus - What Will Students Learn? (Content Skill Sets)</b>		
Health Science 0972.HE.0715.29 Describe common diseases and disorders of each body system (prevention, pathology, diagnosis, and treatment)		
<b>Materials and Resources- What do you need to assemble and prepare before the lesson?</b>		
<b>Materials:</b> <ul style="list-style-type: none"> <li>• Popsicle stick or index card with causative agent written on it: bacteria, virus, parasite, fungi</li> </ul>		<b>Resources:</b> <ul style="list-style-type: none"> <li>• Chain of Infection terms and definitions</li> <li>• Parts of the Brain Diagram</li> <li>• Chain of infection rubric</li> <li>• Chain of infection extension activity</li> </ul>
<b>Lesson Outline: What learning activities will your students do?</b>		
<b>Time</b>	<b>Sequence/Description of Learning Activity</b>	
10 minutes	<p><b>Get Started/Explain:</b> This is a two-part lesson that can be either a whole class project or a group project. <b>Part 1</b> will illustrate how different parts of the brain affect the body, and <b>Part 2</b> will explain the chain of infection. Both parts will come together to create a neurological virus outbreak in the classroom. Students will determine how the outbreak occurred and how to stop it! Decide if they want to break into groups or complete the lesson as a whole class.</p>	
30 minutes	<p><b>Discover/Engage/Practice:</b> <b>Part 1:</b> Provide students with Parts of the Brain diagram and discuss each as a whole group. The group(s) will need to document the following: Using the Parts of the Brain diagram: Choose two sections of the brain and write down the actions of the body it affects. Now pretend that those areas of the brain are affected by a stroke. Consider how your life would be different without those functions. Give two ways that your life would change.</p> <ul style="list-style-type: none"> <li>• Choose two parts of the brain and write down the actions of the body that it affects. Now a highly contagious neurological virus outbreak has occurred, and those are the two areas of the brain that are affected. What would a person act like if a virus affected only those two parts of the brain? Be ready to tell which parts you picked and name your virus (be creative!).</li> </ul>	
45 minutes	<p><b>Part 2:</b> Provide the students with the Chain of Infection terms and definitions. Follow the Chain of Infection rubric. The group will select the causative agent for the outbreak and give it a name (something silly or fun.... let them be creative). Next, they will choose the reservoir and decide how the causative agent gets from the reservoir to the host. Then they must decide how to stop the spread of the disease. They will write a story about the outbreak and illustrate how the infected person looks and acts. They must also show the chain of infection and tell what can be done to prevent the outbreak.</p>	
	<p><b>Check for Understanding/Summarize/Close:</b></p> <ul style="list-style-type: none"> <li>• Did students show understanding of how the parts of the brain affect different parts of the body?</li> <li>• Did students show understanding the chain of infection?</li> </ul>	
<b>Modifications, Support, and Extensions (for those students with IEP)</b>		
<b>Reflection- Did the students learn the content outlined in the lesson focus? Why or why not?</b>		