

Topic/Title	Synapse Jeopardy																
Level	High school teachers																
Objectives	Define synapsis and related concepts																
Competencies																	
– Knowledge	Synapsis, neuron parts																
– Ability	Associate definitions with the correct concept																
– Attitude	Group work																
Procedures	<ul style="list-style-type: none"> – Split the group into two teams – Explain the game. Instructions are provided in the PowerPoint presentation – Decide which team will begin the game (flip a coin, roll dice, or use some other means). 																
Materials	PowerPoint presentation																
Key	<p>Definitions are taken or adapted mainly from BrainU http://brainu.org/</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Neuron Parts</td> <td>Synapse Macro Structure</td> <td>Synapse Micro Structure</td> <td>Neuronal Signals</td> </tr> <tr> <td>Axon</td> <td>Pre-synaptic Neuron</td> <td>Neurotransmitter</td> <td>Synapse</td> </tr> <tr> <td>Cell body</td> <td>Post-synaptic Neuron</td> <td>Receptor</td> <td>Action Potential</td> </tr> <tr> <td>Dendrite</td> <td>Synaptic Cleft</td> <td>Synaptic Vesicle</td> <td>Neural Circuit</td> </tr> </table>	Neuron Parts	Synapse Macro Structure	Synapse Micro Structure	Neuronal Signals	Axon	Pre-synaptic Neuron	Neurotransmitter	Synapse	Cell body	Post-synaptic Neuron	Receptor	Action Potential	Dendrite	Synaptic Cleft	Synaptic Vesicle	Neural Circuit
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Other	If time allows, at the end of the game ask teachers to build a unique model of a synapse on the board, including all the concepts. Each teacher can draw or label a different concept.																