











NEUROPSYCHOLOGY - CHALLENGE PROJECT

FOCUS ON EVERYTHING WE HAVE COVERED FROM CHAPTER 11: over the next few weeks you will be working on the project below.

You must choose ONE task from each focus area (1-4) and accrue at least 50 POINTS in total (10 points= 1 Passmores Point).

Focus Area	RESEARCH	BRONZE – 15 POINTS	SILVER – 20 POINTS	GOLD – 30 POINTS
<p><i>What are the different lobes of the brain?</i></p> <p><i>What are synapses?</i></p> <p><i>How do the autonomic and somatic nervous systems work?</i></p>	   	<p>Create a study chart detailing the information.</p> <p style="text-align: center;">OR</p> <p>Have a 10-minute conversation with a partner where you test each other on each question. Keep going until you get them all right (<i>record as audio</i>).</p>	<p>Create a mind map detailing the information (include visuals and diagrams).</p> <p style="text-align: center;">OR</p> <p>Create flash cards detailing the information (with pictures) and use them to quiz your partner. Keep going until you get them all right (<i>record as audio & submit cards</i>).</p>	<p>Create a picture book to teach Year 7 students about the answers to these questions.</p>
<p><i>What makes up the brain?</i></p> <p><i>What does our brain actually look like?</i></p> <p><i>What does each part of the brain influence?</i></p>	   	<p>Create a mind map for each question and include pictures and diagrams.</p> <p>Include 10 details about each question, as well as visuals and diagrams that show each in detail.</p>	<p>Create a card game or quiz that would test students' knowledge of the brain (e.g. flashcards).</p> <p>Include at least 10 questions and answers about each part.</p>	<p>Design an online game (e.g. Kahoot) or a PE style game that will help other students learn about the brain.</p> <p style="text-align: center;">OR</p> <p>Film/record a series of interviews with psychologists discussing the brain.</p>
<p><i>How does the brain process memories?</i></p> <p><i>What happens in the brain when we forget?</i></p>	   	<p>Create a research poster that details the answers to these questions.</p> <p><i>Use visuals to represent each explanation.</i></p>	<p>Create a card game or quiz that would test students' knowledge</p> <p style="text-align: center;">OR</p> <p>Film a reenactment that details the answers to these two questions.</p>	<p>Film/record an interview with a psychologist (acting out the roles)</p> <p style="text-align: center;">OR</p> <p>Design an online game (Kahoot) or a PE style game that will help other students learn about the brain and memory.</p>
<p><i>What happens to the brain during sleep?</i></p> <p><i>How does sleep affect the brain?</i></p> <p><i>How does the brain develop as you grow?</i></p>	   	<p>Create a research poster about sleep and the brain using the questions to support your research.</p> <p>Include headings and subheadings, pictures and clear information.</p>	<p>Imagine that you are a psychologist who is interested in sleep and the brain. Plan your own research based on sleep and the brain.</p> <p>Write up the research: include aim, hypothesis (null or alternate), sampling method, method/procedure, and how you plan to analyse the findings.</p>	<p>Imagine that you are a psychologist who is interested in sleep and the brain. Plan your own research based on sleep and the brain.</p> <p>Present your experiment to the class: include aim, hypothesis (null or alternate), sampling method, method/procedure, and how you plan to analyse the findings.</p>