

**Brain and NeuroPsychology Year 10 Summer 1**

<b>Topic</b>	<b>No of lessons</b>	<b>Key knowledge and skills</b>	<b>Resources</b>	<b>Progression and links</b>	<b>SEND/ More able</b>	<b>Assessment &amp; recording; factual recall checks</b>
Structure and function of the nervous system	2	To identify and describe the: <ul style="list-style-type: none"> <li>• Structure of the nervous system</li> <li>• Function of:               <ul style="list-style-type: none"> <li>○ CNS</li> <li>○ PNS</li> <li>○ ANS</li> <li>○ SNS</li> </ul> </li> </ul>	<a href="#">1. The Structure of the Nervous System.pptx</a>	Biology  <b>Careers link- Medicine, Sport</b>		Knowledge check activities  Application task
Autonomic nervous system	1	To describe the role of the ANS To describe the biological processes involved in fight or flight	<a href="#">2. The Function of the Nervous System.pptx</a>	Biology Lesson 1		Starter - Knowledge checks CNS/PNS. /ANS/SNS  Knowledge check activity  Exam question
James Lange theory of emotion	2	To outline the key features of James-Lange's theory To apply James-Lange's theory To evaluate James-Lange's theory	<a href="#">3. The Autonomic Nervous System.pptx</a>		MA – Produce only example to demonstrate understanding	Knowledge check activity  Application of knowledge  Apply it Pg 195 of textbook
The structure and function of neurons	2	To identify and describe the different types of neuron. To describe the structure of a neuron To describe synaptic transmission To describe net summation	Play-doh <a href="#">5. The Structure and Function of Neurons.pptx</a>	Biology  <b>Careers link- Medicine, Sport</b>		Knowledge check activities  Build a neuron activity

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Hebb's theory of learning	2	To describe Hebb's theory To apply Hebb's theory To evaluate Hebb's theory	<a href="#">6. Hebb's Theory of Learning and Neuronal Growth.pptx</a>			Knowledge check  Exam question
Structure and localisation of the brain	1	To outline the function of specific areas of the brain. To apply knowledge of the areas of the brain to unseen stem	<a href="#">7. Structure and Localisation of Function of the Brain.pptx</a>	<b>Careers link-Medicine</b>	MA – Why might localisation be seen as a reductionist view?	Knowledge check activity  Exam questions
Penfield's study of interpretive cortex	2	To describe the procedure and results of Penfield's study. To evaluate Penfield's study	<a href="#">8. Penfield's study of the Interpretive Cortex.pptx</a>		LA/SEND – support with identification of key information	Knowledge check activities  9 mark exam question
An introduction to NeuroPsychology	1	To define neuroscience To explain key features of neurological damage To apply these concepts to real world examples	<a href="#">9. An Introduction to Neuropsychology.pptx</a>			Knowledge check activity  Apply it task Pg205
Brain scanning techniques	2	To identify, describe and evaluate: <ul style="list-style-type: none"> <li>• CT Scans</li> <li>• PET Scan</li> <li>• fMRI Scans</li> </ul>	<a href="#">10. Scanning Techniques to Identify Brain Function.pptx</a>	<b>Careers link-Medicine</b>	LA/SEND – pair with MA for peer support during poster activity	Knowledge check activities  9 mark exam question
Tulving's 'gold' memory study	1	To describe the procedure and results of Tulving's study. To evaluate Tulving's study	<a href="#">11. Tulving's Gold Memory study.pptx</a>	Memory	LA/SEND – support with identification of key information	Exam question
<b>End of topic assessment 25 marks, 25 minutes. Questions from Exampro.</b>						