

The Brain and Growth Mindset. Scheme of Work

Year Group	Biology of the Brain	Growth Mindset	The Emotional Brain	Care for your Brain
R / Yr 1	<ul style="list-style-type: none"> ● Know they have a brain, where it is and its main function in the body. ● Know vocabulary:-Neuron, synapse ● Know that the brain can grow as you learn more. 	<ul style="list-style-type: none"> ● How neurons connect and strengthen. ● Practise is necessary to strengthen neurons and pupils can explain this. ● Know that making mistakes helps to learn even better. ● Pupils are learning to use a different approach when they can't solve a problem the first time. 	<ul style="list-style-type: none"> ● Know that it is okay to feel range of emotions and that it is their brain reacting to a stimulus. 	<ul style="list-style-type: none"> ● Know that you need to look after your brain by drinking lots of water, getting a good amount of sleep and eating a balanced diet including lots of fruit and vegetables.
Resources to use:- Your Fantastic Elastic Brain / Growth Mindset Lessons./ Reception stories linked to characteristics of being an effective learner.				
Yr 2	<ul style="list-style-type: none"> ● Know vocabulary:-Neuron, synapse, amygdala, Cerebellum, Hippocampus, cerebrum and pre-frontal cortex. ● Can label a brain with these parts. ● Pupils knows the key function of each part of the brain 	<ul style="list-style-type: none"> ● How neurons connect and strengthen. ● Practise is necessary to strengthen neurons and pupils can explain this. ● Know that making mistakes helps their brain learn even more. ● Pupils are learning to use a different approach when they can't solve a problem the first time. ● Challenging gender stereotypes and 	<ul style="list-style-type: none"> ● Know about Fight and Flight and how it stops your brain thinking. 	<ul style="list-style-type: none"> ● Know that you need to look after your brain by drinking lots of water, getting a good amount of sleep and eating a balanced diet including lots of fruit and vegetables.

		expectations they have with them.		
Resources to Use:- Your Fantastic Elastic Brain / Growth Mindset Lessons./ Your Amazing Learning Brain.				
Yr 3	<ul style="list-style-type: none"> Consolidate all of the above and introduce the idea of left and right brain and the key functions of each. 	<ul style="list-style-type: none"> Consolidate all of the above. Introduce the Learning Pit and Challenge Mountain. Ensure that pupils can use a range of strategies for solving problems. 	<ul style="list-style-type: none"> Understand about the reptilian brain and how it affects the rest of the brain. Know it's good to talk and share your feelings 	<ul style="list-style-type: none"> Know that you need to look after your brain by drinking lots of water, getting a good amount of sleep and eating a balanced diet
Key Resources - - Your Fantastic Elastic Brain / Growth Mindset Lessons / Your Amazing Learning Brain				
Yr 4	<ul style="list-style-type: none"> Develop the concept of left brain and right brain and the role of each half. How does the brain develop memory? 	<ul style="list-style-type: none"> Use the concept of the Learning Pit. Valuing failure as part of the learning process. Develop strategies for perseverance. 	<ul style="list-style-type: none"> Learn about strategies to control the impact of the reptilian brain. Link to reactions about failure. 	<ul style="list-style-type: none"> Know that you need to look after your brain by drinking lots of water, getting a good amount of sleep and eating a balanced diet Know it's good to talk and share your feelings.
Key Resources – Growth Mindset Lessons / BBC Brain Smart webpage. https://www.mindful.org/how-to-teach-your-kids-about-the-brain/				
Yr 5	<ul style="list-style-type: none"> Introduce vocabulary – Occipital lobe, Frontal lobe and Parietal lobe. 	<ul style="list-style-type: none"> Reflecting on different mindsets. 	<ul style="list-style-type: none"> Responding to feedback, both 	<ul style="list-style-type: none"> Know that you need to look after your brain by drinking

	<ul style="list-style-type: none"> ● Make links between these and previous learning. 	<ul style="list-style-type: none"> ● Explore stereotypes and challenge them. ● Further develop the pupils' understanding of failure and its value. 	<p>positive and negative.</p> <ul style="list-style-type: none"> ● Make the link between bullying and the impact on the emotional brain. 	<p>lots of water, getting a good amount of sleep and eating a balanced diet</p> <ul style="list-style-type: none"> ● Know it's good to talk and share your feelings.
Key Resources – Growth Mindset Lessons				
Yr 6	Consolidate all previous learning and key vocabulary.	<ul style="list-style-type: none"> ● The impact of words on mindset. ● Knowing and overcoming barriers to learning. ● Teaching younger children about learning pathways. ● Famous failures 	<ul style="list-style-type: none"> ● Responding to feedback, both positive and negative. ● Make the link between bullying and the impact on the emotional brain. 	<ul style="list-style-type: none"> ● Know that you need to look after your brain by drinking lots of water, getting a good amount of sleep and eating a balanced diet ● Know it's good to talk and share your feelings.
Key Resources - Growth Mindset Lessons, You are Awesome.				