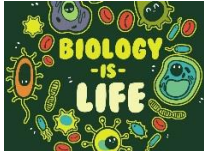

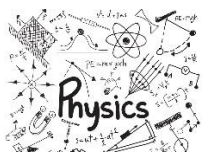




The Science Department at The Bromfords School would love for you to arrive in September full of knowledge and excitement about Science. The following are suggestions of activities for the three branches of Science that you might find interesting before joining us in Year 7.

	<p style="text-align: center;">Biology - Try some of these activities:</p> <ul style="list-style-type: none"> • On a visit to a park or on a walk, find a tree and collect a leaf. Use books or the internet to identify the tree from its leaf. Draw the leaf and label as many parts as you can. • Choose 3 different snacks that you like to eat (eg. chocolate bar, cereal bar, bag of crisps). Compare the amounts of sugar, fat and salt in the snacks (you might want to do this in a table) and decide which is the healthiest choice and why. • What do you know about the human heart? Measure your pulse (beats per minute) when you are resting. Now jog on the spot or do star jumps for 1 minute. Stop and measure your pulse again. What effect does exercise have on your pulse rate?
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	<p style="text-align: center;">Chemistry - Try some of the following activities:</p> <ul style="list-style-type: none"> • Go to the following website: http://www.rsc.org/learn-chemistry/collections/chemistry-calendar Click on your Birthday and write down the name of your Chemist, what country they are from and what they did. • Find 5 objects at home that are made from different materials. Draw a table to show the object, what it's made from and how the material it's made from makes it suitable for its job (eg. Frying pan, made from metal, metal is a good conductor of heat) • Do a mini experiment to see if sugar or salt dissolves more easily in water. Use the same amount of water for each and add the sugar or salt one teaspoon at a time and stir to dissolve. Which one dissolves the most spoonfuls?
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	Physics - Try some of the following activities:	
	<p>Can you draw a simple circuit that you would find in a torch? Include a battery, a bulb and a switch.</p>	<p>Check the Sun's position several times in a day and write the changes. Do it early morning, noon, afternoon and evening. How does its height and position in the sky change?</p>
	<p>List some objects that are magnetic and some that are not.</p>	<p>Think about what you know about the following forces. What effect do they have on things? Where do they occur? Water resistance, air resistance, drag</p>
<p>Watch the moon every night for a week. Write down what it looks like each day. Think about its shape and brightness.</p>		