







Science			Year 6		
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
 Electricity:	 Light:	 Living Things and their Habitats:	 Evolution and inheritance:	 Evolution and inheritance:	 Animals including humans:
<p>LI: To represent a simple circuit in a diagram, using the correct symbols, and explain how it works.</p> <p>LI: To explain how a switch works and show it in a diagram using scientific symbols.</p> <p>LI: To record the effects of changing the current flowing through components in a circuit.</p> <p>LI: To construct circuits from diagrams.</p> <p>LI: To research how electricity is generated and transmitted to the classroom and discuss electricity generation for the future.</p>	<p>LI: To sort manmade and natural sources of light and explain how we see things.</p> <p>LI: To understand how light travels and show this using diagrams (e.g. periscope).</p> <p>LI: To design and test an experiment to show that light travels in straight lines.</p> <p>LI: To identify the variables that affects the size of the shadow.</p> <p>LI: To explain how materials can block or allow light to pass through them.</p>	<p>LI: To classify rainforest plants and animals and recognise the main groups of vertebrates.</p> <p>LI: To describe the classification of the main groups of invertebrates and explore which live in the Amazon and why.</p> <p>LI: To apply classification concepts to living things in the Amazon rainforest, including plants.</p> <p>LI: To recognise that micro-organisms are groups of living things and explain what they are.</p> <p>LI: To investigate the growth of micro-organisms in the Amazon rainforest.</p>	<p>LI: To understand how a plant has adapted to the environment and explain how these adaptations help the plant to survive.</p> <p>LI: To investigate how a chosen animal has adapted to its environment in different ways and the benefits of this.</p> <p>LI: To investigate how bird's beaks have changed over time using a fair test.</p>	<p>LI: To recognise that offspring are created by living things and they inherit different features from their parents.</p> <p>LI: To understand that fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p>LI: To recognise that living things have evolved.</p>	<p>LI: To describe the ways in which nutrients and water are transported within animals, including humans.</p> <p>LI: To identify and name the main elements of the circulatory system and describe their functions.</p> <p>LI: To understand how blood is transported through the body using drama and write a short summary.</p> <p>LI: To investigate pulse rate, present data in a bar chart and suggest conclusions as to why there are differences.</p> <p>LI: To measure pulse rate before, during and after exercise and present in a line graph.</p> <p>LI: To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p>