

Class Four Long Term Plan 2016-17

Half Term	Science	Art/DT	Geography	History	RE
1	<p><b>Living Things and their habitats</b></p> <p>Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.</p> <p>Give reasons for classifying plants and animals based on specific characteristics.</p>	<p><b>DT-Textiles</b></p> <p>Design and create and animal pomander (lavender) from fabric.</p> <p>Skills –sewing.</p>	<p><b>Water Cycle</b></p> <p>Physical geography, including the water cycle.</p>		<p><b>The Bible</b></p>
2	<p><b>Light</b></p> <p>Recognise that light appears to travel in straight lines.</p> <p>Use the idea that light travels in straight lines to explain that objects are seen because they</p>	<p><b>Christmas themed activities</b></p> <p><b>Art</b></p> <p>Winter study- Paintings Sculptures Sketches</p>			<p><b>Trust in God</b></p>

	<p>give out or reflect light into the eye.</p> <p>Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.</p> <p>Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p>	<p>Create your own winter scene using a medium of your choice.</p>			
3		<p><b>DT</b> Design and make a Viking Long Boat.</p> <p>Science links - shape of boat for speed -will it float? (forces- water resistance)</p>		<p><b>Vikings</b></p> <p>The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.</p>	<p><b>Jesus the Teacher</b></p>
4	<p><b>Electricity</b></p> <p>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.</p>	<p><b>Art</b></p> <p><b>Oil painting</b></p> <p>Coastline artwork study.</p> <p>Rubbing and sketches of coastal features and</p>	<p><b>Coastal fieldwork and mapping</b></p> <p>Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of</p>		<p><b>Jesus the Saviour</b></p>

	<p>Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.</p> <p>Use recognised symbols when representing a simple circuit in a diagram.</p>	fossils.	methods, including sketch maps, plans and graphs, and digital technologies.		
5	<p><b>Animals including humans</b></p> <p>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</p> <p>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p> <p>Describe the ways in which nutrients and</p>	<p><b>Art</b></p> <p>Mayan Patterns</p>		<p><b>Maya civilisation</b></p> <p>A non-European society that provides contrasts with British history.</p>	<p><b>The Early Christians</b></p>

	water are transported within animals, including humans.				
6	<p><b>Evolution and Inheritance</b></p> <p>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</p> <p>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>	<p>DT</p> <p>Create a 3D scientific model of the earth.</p> <p>Papier-mâché</p> <p>Include lines, hemisphere etc covered in Geography.</p> <p>Aeroplane on a string attached to the top to allow children to use it for scientific explanations and night and day, time zones and climates.</p>	<p><b>Research a country on the ...</b></p> <p>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</p>		The Church