

High Ham Primary School Curriculum Plan Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p>Seasonal changes Observe and describe weather associated with the seasons and how day length varies.</p>	<p>Animals, including humans Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p>	<p>Seasonal Changes Observe and describe weather associated with the seasons and how day length varies.</p>	<p>Everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p>Plants Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.</p>	<p>Scientist study George Crum</p>
Year 2	<p>Living things and their habitats Describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.</p>	<p>Everyday materials Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p>	<p>Plants Observe and describe how seeds and bulbs grow into mature plants.</p>		<p>Animals, including humans Notice that animals, including humans, have offspring which grow into adults.</p>	<p>Scientist study Elizabeth Magie</p>
Year 3	<p>Light Recognise that they need light in order to see things and that dark is the absence of light.</p>	<p>Forces and magnets Notice that some forces need contact between two objects, but magnetic forces can act at a distance.</p>	<p>Animals, including humans Identify that humans and some other animals have skeletons and muscles for support, protection, and movement.</p>	<p>Rocks Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</p>	<p>Plants Explore the part that flowers play in the life cycle of flowering plants.</p>	<p>Scientist study Albert Einstein</p>
Year 4	<p>States of matter Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>	<p>Electricity Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.</p>	<p>Sound Identify how sounds are made, associating some of them with something vibrating</p>	<p>Living things and their habitats Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</p>	<p>Animals, including humans Describe the simple functions of the basic parts of the digestive system in humans.</p>	<p>Scientist study Alexander Graham Bell</p>

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Year 5	<p style="text-align: center;">Forces</p> <p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</p>	<p style="text-align: center;">Properties and changing materials</p> <p>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.</p>	<p style="text-align: center;">Living Things in their habitats</p> <p>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</p>	<p style="text-align: center;">Scientist study Sir David Attenborough</p>	<p style="text-align: center;">Earth and Space</p> <p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p>	<p style="text-align: center;">Animals including humans</p> <p>Describe the changes as humans develop to old age.</p>
Year 6	<p style="text-align: center;">Animals, including humans</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 style="text-align: center;">Evolution and inheritance</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 style="text-align: center;">Living things and their habitats</p> <p>Give reasons for classifying plants and animals based on specific characteristics.</p>	<p style="text-align: center;">Light</p> <p>Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.</p>	<p style="text-align: center;">Electricity</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 style="text-align: center;">Scientist study Thomas Edison</p>