



EUXTON PRIMROSE HILL

Primary School
"Together we will make a difference."

	Autumn	Spring	Summer
EYFS	Understanding the World - The Natural World		
	All knowledge and skills will be covered - contexts may change due to children's interests		
	Investigate woodland animals Investigate jungle animals	Participate in The Great School Birdwatch Investigate polar animals Explore the weather Explore materials (patterns) and changing states (ice)	Investigate growing plants Investigate life cycles - minibeasts Investigate sea creatures
	Seasonal changes Observe changes across the 4 seasons		
Year 1	Everyday materials Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials Describe, compare and groups everyday materials	Animals, including humans Identify, name, describe and compare a variety of common animals including fish, amphibians, reptiles, birds and mammals identify and name a variety of common animals that are carnivores, herbivores and omnivores Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	Plants Visit - Bring Your Wellies Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees. (link with Geography)
	Seasonal changes - Ongoing unit Observe changes across the 4 seasons Observe and describe weather associated with the seasons and how day length varies (link with Geography)		
Year 2	Materials Identify and compare everyday materials using physical properties Sort/group according to properties Knowing how to change and use materials in different situations (link with DT food)	Animals including humans - Health - how we grow and be healthy Know humans have offspring that grow into adults and know basic needs Understand importance of exercise, types of food, hygiene and medicines <i>PSHE/ Science links -Hygiene</i> <i>Health</i> Lifecycles Plants Describe basic needs of plants and animals and their life cycles. Sorting according to features. Knowing how they are alive. (link with Geography)	Living things in their habitats Explore and compare differences between things that are living, dead, and never been alive Identify how different habitats provide for different animals and plants in local area Identify common plants and animals Record the relationship between humans, plants and animals in a simple food chain. Understand how changing the environment can affect the plants and animals living there. (link with Geography)
Year 3	Material properties Compare and group rocks based on their properties and appearance Describe how fossils are formed Recognise what rocks are made from (link with History Stone/Iron Age) Forces & magnets Compare how objects move on different surfaces Observe that magnetic forces act at a distance	Light Recognise that darkness is absence of light and the light from sun can be dangerous Notice that light is reflected from a surface Recognise how shadows are formed by light source being blocked Find patterns in size of shadows	Plants Identify, locate and describe functions Explore requirements for growth Investigate transport of water Explore role of flowers in life cycle (link with Art - painting) Animals including humans Identify right types and amount of nutrition Describe simple functions of digestive system

	<p>Compare and group materials</p> <p>Recognise attraction and repulsion is caused by poles of a magnet</p>		<p>Identify different types of teeth and their functions</p> <p>(link with DT food and PSHE - Healthy lifestyle)</p>
Year 4	<p>States of matter</p> <p>Compare and group materials based on solid, liquid or gas</p> <p>Observe changes of state & Water Cycle</p> <p>(link with Geography rivers SPRING)</p>	<p>All living things - Habitats</p> <p>Recognise living things can be grouped</p> <p>Explore classification keys</p> <p>Recognise effect of changing environments</p> <p>(link with DT food - fishing)</p> <p>Animals, including humans</p> <p>Identify that humans and animals have skeletal/Muscular System and its purpose and compare</p> <p>Construct & interpret food chains</p>	<p>Electricity</p> <p>Construct a simple circuit</p> <p>Identify if circuits will work</p> <p>Recognise role of switches</p> <p>Recognise some conductors and insulators</p> <p>(link with DT electrical circuit games)</p> <p>Sound</p> <p>Identify how sounds are made by vibrations</p> <p>Find patterns between pitch and objects</p> <p>Find patterns between volume and strength of vibrations</p>
Year 5	<p>Forces</p> <p>Explain effect of gravity</p> <p>Identify effects of gravity, wind and air resistance, friction, gears, pulleys and levers</p> <p>(link with DT structures)</p> <p>Earth & space</p> <p>Describe movement of Earth and planets relative to Sun</p> <p>Describe movement of moon relative to Earth</p> <p>Recognise that the Earth, Sun & moon are spherical</p> <p>Explain how Earth's rotation gives day and night and how the sun appears to move across the sky.</p>	<p>Properties of everyday materials & reversible/irreversible changes</p> <p>Compare & group together everyday materials on the basis of their properties.</p> <p>Know that some materials dissolve in liquid to form a solution.</p> <p>Decide how to separate mixtures</p> <p>Explain and demonstrate reversible and irreversible changes</p>	<p>Living thing and their habitats</p> <p>Describe differences in life cycles of mammals, amphibians, insects and birds</p> <p>Describe life process of reproductions in some plants and animals</p> <p>(link with Geography - region in South America)</p> <p>Animals, including humans - human life cycle (mostly covered in PSHE SRE lessons)</p> <p>Describe the changes as humans develop to old age</p>
Year 6	<p>Electricity</p> <p>The brightness of a bulb is affected by voltage or number of cells.</p> <p>Compare and give reasons for components function in a circuit.</p> <p>Use electrical symbols.</p> <p>(link with DT controllable vehicles)</p> <p>Animals, including humans</p> <p>Identify and name main parts of circulatory system.</p> <p>Recognise impact of diet, drugs, exercise and life on the body</p> <p>Describe how food and nutrients are transported through the body.</p> <p>(link with PSHE)</p>	<p>Evolution and Inheritance</p> <p>Recognise living things have changed over time and produce offspring similar but not identical to their parents</p> <p>Identify how living things have adapted to their environment (link with English - biography)</p> <p>All living things</p> <p>How living things are classified (microorganisms, plants and animals)</p> <p>Give reasons for classification.</p> <p>(link with computing)</p>	<p>Light</p> <p>Recognise that it appears to travel in straight lines.</p> <p>Explain how we see objects as they give out light or reflect it into our eyes.</p> <p>Explain why shadows have the same shape as the object that cast them.</p>