

Year Group Narrative – A summary of what learning is taught in each phase.

	Cycle A			Cycle B		
KS1	<p><u>Autumn</u> <u>Everyday Materials</u> This project teaches children that objects are made from materials. They identify a range of everyday materials and their sources. Children investigate the properties of materials and begin to recognise that a material's properties defines its use.</p> <p><u>Humans</u> This project teaches children that humans are a type of animal, known as a mammal. They name body parts and recognise common structures between humans and other animals. They learn about the senses, the body parts associated with each sense and</p>	<p><u>Spring</u> <u>Seasonal Changes</u> This project teaches children that humans are a type of animal, known as a mammal. They name body parts and recognise common structures between humans and other animals. They learn about the senses, the body parts associated with each sense and their role in keeping us safe.</p>	<p><u>Summer</u> <u>Plants</u> This project teaches children about wild and garden plants by exploring the local environment. They identify and describe the basic parts of plants and trees, and observe how plants and trees change over time.</p> <p><u>Animals</u> This project teaches children about animals, including fish, amphibians, reptiles, birds, mammals and invertebrates. They identify and describe their common structures, their diets and how animals should be cared for.</p>	<p><u>Autumn</u> <u>Humans</u> This project teaches children about the basic needs of humans for survival, including the importance of exercise, nutrition and good hygiene. They learn how human offspring grow and change over time into adulthood.</p>	<p><u>Spring</u> <u>Plants</u> This project teaches children about the growth of plants from seeds and bulbs. They observe this first hand, recording the changes over time and identifying what plants need to grow and stay healthy.</p> <p><u>Use of everyday materials</u> This project teaches children about how everyday materials are used and how a material's properties make them suitable or unsuitable for specific purposes. They begin to explore how materials, including foods, can be changed, and about creative uses for everyday materials.</p>	<p><u>Summer</u> <u>Animals</u> This project teaches children about growth in animals by exploring life cycles of some familiar animals. They build on learning about the survival of humans, by identifying the basic needs of animals for survival, including food, water, air and shelter.</p>

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	their role in keeping us safe.					
LKS2	<p><u>Autumn</u> <u>Animals, including humans</u> This project teaches children about the importance of nutrition for humans and other animals. They learn about the role of a skeleton and muscles and identify animals with different types of skeleton.</p>	<p><u>Spring</u> <u>Forces and magnets</u> This project teaches children about contact and non-contact forces, including friction and magnetism. They investigate magnets and magnetic materials, exploring how they behave in relation to their poles.</p>	<p><u>Summer</u> <u>Plants</u> This project teaches children about the requirements of plants for growth and survival. They describe the parts of flowering plants and relate structure to function, including the roots and stem for transporting water and the flower for reproduction. <u>Light</u> This project teaches children about light and dark. They investigate the phenomena of reflections and shadows, looking for patterns in collected data. The risks associated with looking at the Sun are also explored.</p>	<p><u>Autumn</u> <u>Animals, including humans</u> This project teaches children about the human digestive system. They explore the main parts, starting with the mouth and teeth, identifying teeth types and their functions. They link this learning to animals' diets and construct food chains to show the flow of energy.</p>	<p><u>Spring</u> <u>Seasonal Changes</u> This project teaches children about the seasons and typical seasonal weather and events. They learn about measuring weather and the role of a meteorologist. Children begin to learn about the science of day and night and recognise that, in the UK, the seasons vary in daylight hours. <u>States of Matter</u> This project teaches children about solids, liquids and gases and their characteristic features. They observe how materials change state as they are heated and cooled, and learn key terminology</p>	<p><u>Summer</u> <u>Electricity</u> This project teaches children about electrical appliances and safety. They construct simple series circuits and name their parts and functions, including switches, wires and cells. They investigate electrical conductors and insulators and identify common features of conductors.</p>

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					<p>associated with these processes.</p> <p><u>Living things and their habitats</u></p> <p>This project teaches children about the grouping of living things, known as classification. They study local and wider habitats and use classification keys to identify living things. Children also learn about the impact of human influences on habitats and their living things.</p>	
UKS2	<p><u>Autumn Forces</u></p> <p>This project teaches children about the forces of gravity, air resistance, water resistance and friction, with children exploring their effects. They learn about mechanisms, their uses and how they allow a smaller effort to have a greater effect.</p> <p><u>Earth and Space</u></p> <p>This project teaches children about our Solar</p>	<p><u>Spring Animals, including humans</u></p> <p>This project teaches children about the human life cycle. They explore growth and development to old age, including the changes experienced during puberty and human reproduction.</p>	<p><u>Summer Properties and changes of materials</u></p> <p>This project teaches children about the wider properties of materials and their uses. They learn about the reversible mixing of materials, including the process of dissolving, and how mixtures can be separated. Irreversible changes, such as burning and</p>	<p><u>Autumn Animals, including humans</u></p> <p>This project teaches children about the transport role of the human circulatory system, its main parts and their primary functions. They learn about healthy lifestyle choices and the effects of harmful substances on the body.</p>	<p><u>Spring Electricity</u></p> <p>This project teaches children about electrical circuits, their components and how they function. They recognise how voltage of cells affects the output of a circuit and record circuits using standard symbols.</p>	<p><u>Summer Evolution and Inheritance</u></p> <p>This project teaches children about how living things on Earth have changed over time, and how fossils provide evidence for this. They learn how characteristics are passed from parents to their offspring, and how variation in offspring can affect their survival, with changes</p>

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	System and its spherical bodies. They describe the movements of Earth and other planets relative to the Sun, the Moon relative to Earth and the Earth's rotation to explain day and night.		rusting, are also observed.			(adaptations) possibly leading to evolution.
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AUTUMN – CYCLE A - EYFS