

Science curriculum overview 2023-24

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1		<u>Seasonal Changes</u> What are the differences in our wonderful weather throughout the year?	<u>Animals and humans basic needs (life cycles)</u> What do animals need to survive and grow healthy?	<u>Animals including humans</u> What do animals and humans need to keep healthy?	<u>States of Matter</u> Can you prove the differences between solids, liquids and gases?	<u>Forces</u> What are the effects of gravity and why do we need it?	<u>Living things and their habitats</u> What do different microorganisms do? Are they harmful?
Autumn 2	Light and Dark <u>Autumn</u>			<u>Forces and Magnets</u> How are magnets a force?	<u>Electricity</u> Can I prove that all objects powered by electricity run on a circuit?	<u>Earth and Space</u> How do the planets in the solar system control our night and day?	<u>Animals including humans</u> What affects our blood and how does this impact our bodies?
Spring 1	Similarities and differences <u>Winter</u>	<u>Materials</u> Why is the type of material important for specific objects?	<u>Materials</u> Why are different materials useful?	<u>Rocks</u> Have the same materials been used throughout time to build houses? Have they changed? Why?		<u>Properties and changes in materials</u> How and why are materials chosen for a particular purpose?	<u>Evolution and heritage.</u> What do we mean by evolution?
Spring 2	Healthy Me	<u>Plants</u> How does a seed become a plant or tree?	<u>Living things and their habitats</u> Why is an animal's habitat important?	<u>Lights</u> What factors affect the amount of light we can see?	<u>Sound</u> What factors affect the pitch and volume of sound?		<u>Light</u> How does light help us to see?
Summer 1	How do plants grow? <u>Summer</u>	<u>Animals and humans</u> How do we group animals with the same characteristics?	<u>Super Scientists</u> What impact have Scientists in the past had on our lives today?		<u>Animals including humans</u> How do their bodily characteristics affect what animals and plants eat?	<u>Living things and animals including humans</u> Can you describe the similarities and differences in the life cycles of some living animals and plants?	<u>Electricity</u> Can we explain the different ways we can change a circuit and what are the effects of those changes?
Summer 2	Life Cycle of a butterfly How have we changed? Animals and their babies		<u>Plants</u> How can we prove that plants grow and what they need?	<u>Plants</u> Why do bees visit flowers and not leaves on a plant?			