



2022-23 Science Overview



Long term plan	Early Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<u>Understanding the World</u> Overarching Topics: Seasons, Hot and Cold and Polar Regions, I am a Scientist	<u>Seasonal Changes (Autumn/Winter)</u> How does our weather change over the year?	<u>Living things and their Habitats</u> What is alive, dead or never alive?	<u>Animals including Humans</u> How do living things work?	<u>Living things and their Habitats</u> What is the same and what is different?	<u>Living things and their Habitats</u> Do all life cycles look the same?	<u>Evolution & Inheritance</u> How do living things change over time and place?
Autumn 2		<u>Everyday Materials</u> What are things made from?	<u>Use of Everyday Materials</u> How do we chose and change materials?	<u>Light</u> What is the dark?	<u>States of Matter – Water Cycle</u> Is water always wet?	<u>Properties & Changes of Materials</u> Can we change materials?	<u>Electricity</u> Can we vary the effects of electricity?
Spring 1	Explore the natural world around them, making observations and drawing pictures of animals and plants.	<u>Animals including Humans</u> What are bodies and what can they do?	<u>Animals including Humans</u> What do living things need to survive?	<u>Forces & Magnets</u> What can magnets do?	<u>Sound</u> How do we hear different sounds?		<u>Light</u> How do we see?
Spring 2		<u>Plants</u> Are all plants the same?	<u>Plants</u> How can living things stay healthy?	<u>Plants</u> Can living things live forever?	<u>Animals including Humans</u> What do our bodies do with the food we eat?	<u>Forces</u> How do things move?	<u>Living things and their Habitats</u> Are living things in danger?
Summer 1	Explore similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.	<u>Seasonal Changes (Spring/Summer)</u> How does our weather change over the year?		<u>Rocks</u> Are all rocks the same?	<u>Electricity</u> Can we control electricity?	<u>Earth & Space</u> What is moving?	<u>Animals including Humans</u> How do our choices effect how our bodies work?
Summer 2		<u>Animals including Humans</u> What are bodies and what can they do?	<u>Living things and their Habitats</u> What is alive, dead or never alive?		<u>Animals including Humans</u> Food Chains <u>Living things and their Habitats</u> Are living things in danger?	<u>Animals including Humans</u> How do our bodies change as we get older?	