



BHM Science Curriculum Overview

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Taught through the 7 areas of learning	Nursery	Biology/Physics Wild wings birds of prey trip Trip to Lilford Woods Changes in seasons	Physics Autumn Treasure Bag Changes in seasons and weather	Chemistry/Physics We're going on the bear hunt- exploring textures from the book 3 little pigs Exploring textures and materials Exploring blowing using bubbles, hairdryers and balloons	Biology Planting planters with edible fruit/veg to grow over the summer Exploring growth and care of plants. Animal lifecycles How we have changed over time Chicks?	Biology Visit to Smithills farm Farm visit /visitor Animal facts	Biology Going On A Bug Hunt Watching caterpillars turn into butterflies Looking after our world /the environment
		Growing flowers and vegetables and tending to them.					
	Reception	Biology Body parts (deeper learning)	Physics Light and dark Nocturnal and diurnal animals Animals and Plants in the Locality	Physics Investigating planets – similarities and differences	Biology Growing plants/ observing them grow and change	Biology Healthy living Chemistry Changes in state	Physics Floating and sinking Physics Seasons – changes over time
Y1		Seasonal Changes (Autumn/Winter) Physics – To understand the Earth's movement in space	Everyday Materials Chemistry – To understand materials	Animals including Humans Biology – To understand animals and humans	Animals including Humans Biology – To understand animals and humans	Seasonal Changes (Spring/Summer) Physics – To understand the Earth's movement in space	Plants Biology – To understand plants
Y2		Uses of Everyday Materials Chemistry – To investigate materials	Uses of Everyday Materials Chemistry – To investigate materials	Animals including Humans 1 - Growth Biology – To understand animals and humans	Animals including Humans 2 – Life Cycles Biology – To understand animals and humans	Plants Biology – To understand plants	Living things and their habitats Biology - To investigate living things
Y3		Animals including humans Biology – Animals including humans	Forces Physics – To understand movement, forces, and magnets	Plants Biology – To understand animals and humans	Light Physics – To understand light	Rocks and Soils Physics – To investigate materials	Scientific Enquiry



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Y4	States of matter Chemistry - To investigate materials	States of matter Chemistry - To investigate materials	Animals including humans Biology -To understand animals and humans	Electricity Physics - To understand electrical circuits	Sound Physics - To investigate sound and hearing	Living things and their habitat Biology - To investigate living things
Y5	Properties & Changes of Materials Chemistry – To investigate materials	Properties & Changes of Materials Chemistry – To investigate materials	Forces Physics – To understand movement, forces and magnets	Earth and Space Physics – To understand movement, forces and magnets	Animals including Humans Biology – To understand animals and humans	Living Things and their Habitats Biology – To understand living things
Y6	Living Things and their Habitats Biology – To investigate living things	Electricity Physics – To understand electrical circuits	Looking after our environment. Physics, Chemistry and Biology – To understand how to reduce the rate of climate change.	Light Physics – To understand light and seeing	Animals including Humans Biology – To understand animals and humans	Evolution and Inheritance Biology – To understand evolution and inheritance