

Science Whole School Curriculum Map – White Rose Science Units

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Reception</u>	Ourselves	Animals (including animal life cycles, and the difference between herbivores and carnivores (link to Nursery learning on dinosaurs))	Earth and Space (including significant individual – astronaut Mae Jemison)	People Who Help Us (including natural and manmade materials)	Plants and Growth	Change (including floating & sinking, and freezing & melting – states of matter) Nb. Bockett's Farm Trip – use of previous learning 'Animals' in Autumn 2
	Seasons and seasonal changes throughout year					
<u>Year 1 Science</u>	Animals including humans Part 1 Seasonal Change - Autumn The Human Body	Materials - Everyday Materials Seasonal changes Seasonal Change – Winter Materials	Seasonal changes Animals including humans Part 2 Seasonal Change – Spring Animals Caring for the Planet – Sustainability Planting A / B		Plants Seasonal changes Seasonal Change – Summer Plants Planting C	Animals including humans Part 3 Growing and Cooking
<u>Year 2 Science</u>	Materials – Use of Everyday Materials Materials Plastic – Sustainability	Animals including humans Animals' needs for survival Humans Growing up		Plants Plants - light and dark Plants – bulbs and seeds	Living Things and their Habitats Living things and their habitats Wildlife	

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<u>Year 3 Science</u>	Animals including humans Skeletons Movement Diet Food waste	Materials - Rocks and Soils Rocks Fossils Soils	Magnets and Forces Magnets Forces	Plants Part 1 Plants A/B Biodiversity – Sustainability	Plants Part 2 Light and Shadows Plants A/B Light	
<u>Year 4 Science</u>	Electricity Electricity Energy – Sustainability	Bubbles – Working Scientifically focus Data Collection	Sound Sound	Materials – States of Matter States of Matter	Animals including humans Digestive System Food Chains	Living things and their habitats Group and Classify Living Things Habitats
<u>Year 5 Science</u>	Earth and Space Space Global Warming Plastic Pollution - Sustainability	Forces Forces	Materials - Properties and Changes of Materials Properties of Materials Reversible and Irreversible Changes		Living things and their habitats Famous Naturalists / Conservationists Life Cycles Reproduction A / B	
<u>Year 6 Science</u>	Living Things and their habitats – Classification Living Things and their Habitats	Evolution Variations Adaptations Fossils	Electricity Electricity Renewable Energy – Sustainability	Animals including humans Circulatory System Diet Drugs Lifestyle	Light and Shadows Light Light Pollution	Review of curriculum – focusing on key objectives and concepts Themed Projects