



Curriculum Plan – Science

	Autumn		Spring		Summer		
N	<u>Into the cave/We're incredible</u> Washing hands – personal hygiene Growing Gummy bears – changing materials		<u>Ready, steady, Go/Animal Boogie</u> Plant and grow sunflowers Down on the farm – Animals and their babies Magic milk		<u>Round and round the Garden/Off we go</u> Sticky spiders Summer fun – Weather		
R	<u>Marvellous Me</u> Nocturnal animals – dark and light	<u>Reach for the stars</u> Space Making slime and exploring properties	<u>Imagine</u> Planting and growing a bean	<u>Amazing Animals</u> Dissolving Gingerbread man Walking water rainbow	<u>It's a Small World</u> Butterfly life cycle Make a mini wormery		
1		<u>Travelling Through Time</u> <u>Everyday materials</u> Name, describe and sort everyday materials		<u>Essential Earth</u> <u>Plants</u> Name basic parts— identify common plants <u>Seasonal Changes</u> Observe weather and changes across seasons	<u>Mammals and Me</u> <u>Animals, including humans</u> Name common animals Name carnivores, herbivores, omnivores		
2		<u>Timeline Toys</u> <u>Use of everyday Materials</u> Uses of materials Changing shape of materials		<u>Natural Nature</u> <u>Plants</u> Seed/bulb growing into plants. What plants need <u>Animals, including humans</u> Animals have offspring, basic needs for survival. Importance of exercise, food hygiene	<u>Homely Habitats</u> <u>Living things and their habitats</u> Living and dead, describe habitats, basic food chains		
3	<u>Savage Stone Age</u> <u>Animals, including humans</u> Need for right amount of nutrition Skeletons and muscles		<u>Luminous</u> <u>Light</u> <u>Light</u> Need for light to see. How shadows are formed and how size can change		<u>Fantastic Forces</u> <u>Forces and Magnets</u> Compare different surfaces. Magnets <u>Tremor and Shake</u> <u>Rocks</u> Group different rocks, how they are formed Fossils	<u>Brilliant Botany</u> <u>Plants</u> Function - including how water is transported Life cycle of plants	

4		<p><u>Shocking Electricity</u> <u>Electricity</u> Simple circuits, Switches Conductors and insulators</p>	<p><u>From Sky to Sea</u> <u>States of Matter</u> Solids, Liquids, gases Change state, Evaporation/condensation</p>	<p><u>Fantastic Forests</u> <u>Living things and their Habitat</u> Group living things, use classification keys. Change in environment can threaten life</p>		<p><u>Disgusting Digestion</u> <u>Animals, incl. humans</u> Function of digestive system. Teeth. Food chains <u>Sound</u> How sound is made and travels. Pitch and volume</p>
5	<p><u>Space Camp</u> <u>Earth and Space</u> Movement Earth, planets & moon. Night and day <u>Forces</u> Gravity, air/water resistance, friction. Levers, pulleys and gears</p>		<p><u>Across the Pond</u> <u>Living things and their Habitat</u> Animal - different life cycles, reproduction in plants and animals</p>		<p><u>Marvellous Materials</u> <u>Properties and change of materials</u> Dissolve, separating, reversible changes. Change that produce new materials</p>	<p><u>Vicious Vikings</u> <u>Animals, including humans</u> How humans change with age</p>
6	<p><u>Light and sight</u> <u>Light</u> Travels in straight lines How light enables us to see. How shadows are formed</p>		<p><u>Crucial Currents</u> <u>Electricity</u> Brightness of lamp, volume of buzzer. Symbols, circuit diagrams. <u>Animals, including humans</u> Human circulatory system. Exercise, drugs and lifestyle.</p>	<p><u>Sort it out</u> <u>Living things and their Habitat</u> Classifications including microorganisms, plants and animals.</p>	<p><u>Evolution</u> <u>Evolution and Inheritance</u> Fossil Offspring different to parents. Animal adaptation— Evolution</p>	