

# Science Curriculum Overview 2022-2023



		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Taught through the 7 areas of learning	<b>2 Year old Nursery</b>	<p><b>Biology</b></p> <p>Animals Take Over</p> <p>That's Not My... (animal series) Brown Bear Brown Bear</p> <p>Incy Wincy Spider</p>	<p><b>Physics</b></p> <p>Autumn Treasure Bags</p> <p>Tree Leaves In The Autumn</p> <p>Hilly Billy Hedgehog</p>	<p><b>Physics</b></p> <p>Weather</p> <p>Wind</p> <p>Heads shoulder Knees and Toes</p>	<p><b>Biology</b></p> <p>Hatching Chicks</p> <p>Higgly Hen</p> <p>Peck Peck Peck Chick Chick Chicken I'm a Little Chick</p> <p><b>Physics</b></p> <p>Making rain gauges</p> <p>Rain Rain Go Away I Hear Thunder</p>	<p><b>Biology</b></p> <p>Litter Picking Around School and exploring our environment</p> <p>We're Going On a Bear Hunt</p> <p>Two Little Dicky Birds</p>	<p><b>Biology</b></p> <p>Bug hunt On the farm</p> <p>Parade of Animals The Very Hungry Caterpillar</p> <p>5 Little Peas In The Garden</p>	
	Oral hygiene, That's Not My... (textures, properties of materials - <b>chemistry</b> ) Cooking (changing state – <b>chemistry</b> ), Growing flowers and vegetables and tending to these ( <b>biology</b> )							
	<b>Pre school</b>	<p><b>Biology</b></p> <p>Body Parts Changes in me over time</p> <p>Barry the Fish with Fingers</p>	<p><b>Physics</b></p> <p>Seasons – leaves and trees changing</p> <p>We're Going On a Leaf Hunt</p> <p><b>Chemistry</b> Mixing materials – fireworks</p>	<p><b>Biology</b></p> <p>Growing vegetables</p> <p>Differences between vegetables</p> <p>Oliver's Vegetables Just Like Jasper Jasper's Beanstalk</p>	<p><b>Biology</b></p> <p>Caring for living things</p> <p>Life cycle of a butterfly</p> <p>The Hungry Caterpillar</p>	<p><b>Biology</b></p> <p>Under the sea – how we affect the environment</p> <p>Commotion in the Ocean</p>	<p><b>Biology</b></p> <p>Fish and sea life</p> <p>I'm the Biggest Fish in the Ocean</p>	
Oral hygiene								
<b>Reception</b>	<p><b>Biology</b></p> <p>Body parts (deeper learning)</p> <p>Who's In My Family Me and my Amazing Body</p>	<p><b>Physics</b></p> <p>Light and dark Nocturnal and diurnal animals</p> <p>Animals and Plants in the Locality</p> <p>Owl Babies Frog From Caterpillar to Butterfly Aaaarrghhh Spider!</p>	<p><b>Physics</b></p> <p>Investigating planets – similarities and differences</p> <p>A Place for Pluto Aliens Love Underpants Space Poems</p>	<p><b>Biology</b></p> <p>Growing plants/ observing them grow and change</p> <p>Jack and the Beanstalk Jasper's Beanstalk Handa's Surprise</p>	<p><b>Biology</b></p> <p>Healthy living</p> <p>Going to the Dentist Oliver's vegetables Oliver's Fruit Salad</p> <p><b>Chemistry</b></p> <p>Changes in state</p> <p>Grow Strong</p>	<p><b>Physics</b></p> <p>Floating and sinking</p> <p>Welcome to the Rock Pool Sea Sea and Shore Collection</p> <p><b>Physics</b></p> <p>Seasons – changes over time</p> <p>Seren's Seasons</p>		



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<b>Y1 (Milestone 1)</b>	<b>Seasonal Changes</b>  Physics – To understand the Earth's movement in space	<b>Everyday Materials</b>  Chemistry – To understand materials		<b>Healthy and Varied Diet</b>  Chemistry – To understand materials To work scientifically	<b>Plants</b>  Biology – To understand plants	<b>Animals including Humans</b>  Biology – To understand animals and humans
<b>Y2 (Milestone 1)</b>	<b>Animals</b> Biology – To understand animals and humans	<b>Living things and their habitats</b>  To investigate living things		<b>Materials</b>  Chemistry – To investigate materials	<b>Plants</b>  Biology – To understand plants	
<b>Y3 (Milestone 2)</b>	<b>Animals including humans</b>  Biology – Animals including humans	<b>Forces</b>  Physics – To understand movement, forces, and magnets	<b>Plants</b>  Biology – To understand animals and humans	<b>Plants</b>  Biology – To understand animals and humans	<b>Rocks and Soils</b>  Physics – To investigate materials	<b>Light</b>  Physics – To understand light
<b>Y4 (Milestone 2)</b>	<b>Sound</b>  Physics - To investigate sound and hearing	<b>Animals including humans</b>  Biology -To understand animals and humans	<b>Electricity</b> Physics - To understand electrical circuits		<b>States of matter</b> Chemistry - To investigate materials	<b>Living things and their habitat</b>  Biology - To investigate living things
<b>Y5 (Milestone 3)</b>	<b>Animals and their Habitats</b>  Biology – To understand living things	<b>Properties of Materials</b>  Chemistry – To investigate materials	<b>Changes of Materials</b>  Chemistry – To investigate materials	<b>Forces</b>  Physics – To understand movement, forces and magnets	<b>Earth and Space</b>  Physics – To understand movement, forces and magnets	<b>Animals including Humans</b>  Biology – To understand animals and humans
<b>Y6 (Milestone 3)</b>	<b>Living Things and their Habitats</b>  Biology – To investigate living things	<b>Evolution and Inheritance</b>  Biology – To understand evolution and inheritance	<b>Electricity</b>  Physics – To understand electrical circuits	<b>Light</b>  Physics – To understand light and seeing	<b>Animals including Humans</b>  Biology – To understand animals and humans	<b>Animals including Humans</b>  Biology – To understand animals and humans