

Science Curriculum Overview 2021-2022



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

Science Curriculum Overview 2021-2022



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