



# Newhampton Science Long-Term Planning

2023-2025



		Autumn	Spring	Summer
	<b>Reception</b>	<p><b>Animals and plants:</b> What does an earthworm do? Who are my parents?</p> <p><b>Objects and materials:</b> Who lives here? What hat is best to wear today?</p> <p><b>Light, space, electricity and movement:</b> What happens at night? What is in the sky? What is the Moon?</p> <p><b>The local environment:</b> What is happening to the trees? (Autumn) What is the weather like today? (Winter)</p>	<p><b>Animals and plants:</b> Is all of a plant green? What is inside an egg?</p> <p><b>Objects and materials:</b> What melts? What happens when you mix it?</p> <p><b>Light, space, electricity and movement:</b> What makes it move? How does my toy work?</p> <p><b>The local environment:</b> What is happening to the trees? (Spring) What can I grow for my dinner?</p>	<p><b>Biology – Animals and plants:</b> Who has stripes? What am I made of?</p> <p><b>Objects and materials:</b> What goes through? How do you make a good bubble?</p> <p><b>Light, space, electricity and movement:</b> What floats?</p> <p><b>Our changing world – The local environment:</b> What is happening to the trees? (Summer) What is the weather like today? (Summer)</p>
<b>Cycle A</b>	<b>Year 1/2</b>	<p><b>Animal Antics</b> Animals including Humans (Y1)</p>	<p><b>Good Choices</b> Everyday Materials (Y2)</p>	<p><b>Growing Up</b> Animals including Humans (Y2)</p>
		<p><b>Sensing Seasons</b> Our Changing World (Y1)</p>	<p><b>The Apprentice Gardener</b> Plants (Y2)</p>	<p><b>What is in your Habitat?</b> Living Things and their Habitats (Y2)</p>
		<p><b>Looking at Animals</b> Animals including Humans (Y1)</p>	<p><b>Shaping Up!</b> Materials (Y2)</p>	<p><b>Our Changing World</b> Living Things and their Habitats (Y2)</p>

<b>Cycle B</b>	<b>Year 1/2</b>	<b>Using Our Senses</b> Animals including Humans (Y1)	<b>Plant Detectives</b> Plants (Y1)	<b>Take Care</b> Animals including Humans (Y2)
<b>Cycle A</b>	<b>Year 3/4</b>	<b>The Power of Forces</b> Forces and Magnets (Y3)	<b>Our changing world</b> Living things and their Habitat (Y3)	<b>Amazing Bodies</b> Animals Including Humans (Y3)
		<b>In a State</b> States of Matter (Y4)	<b>Our changing world</b> Living things and their Habitat (Y4)	<b>Good Vibrations</b> Sound (Y4)
<b>Cycle B</b>	<b>Year3/4</b>	<b>Rock detectives</b> Rocks (Y3)	<b>Switched on!</b> Electricity (Y4)	<b>How does your garden Grow?</b> Plants (Y3)
		<b>Can you see me?</b> Light (Y3)	<b>Where does all that food go?</b> Animals Including Humans (Y4)	<b>Who am I?</b> Animals Including Humans (Y4)
<b>Cycle A</b>	<b>Year 5/6</b>	<b>Reproduction in Plants and Animals</b> Animals Including humans (Y5)	<b>Everything changes</b> Animals Including humans (Y6)	<b>Danger Low Voltage</b> Electricity (Y6)
		<b>Get Sorted</b> Materials (Y5)	<b>Light up your World</b> Light (Y6)	<b>Marvellous Mixtures</b> (Y5)
		<b>Everyday Materials</b> Materials (Y5)	<b>Feel the Force</b> Forces (Y5)	<b>Our Changing World</b> Animals Including Humans (Y6)

<b>Cycle B</b>	<b>Year 5/6</b>	<b>The Earth and Beyond</b> Earth and Beyond (Y5)	<b>The Nature Library</b> Living Things and their Habitats (Y6)	<b>Body Pump</b> Animals Including Humans (Y6)
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