

**Early Years Foundation Stage**

EYFS	<b><u>EYFS Framework September 2021</u></b>	<b>Communication and Language</b> <ul style="list-style-type: none"> <li>• Learn new vocabulary. Ask questions to find out more and to check they understand what has been said to them;</li> <li>• Articulate their ideas and thoughts in well-formed sentences;</li> <li>• Engage in non-fiction books.</li> </ul>
	<b>Personal, Social and Emotional Development</b> <ul style="list-style-type: none"> <li>• Show resilience and perseverance in the face of challenge;</li> <li>• Manage their own needs.</li> </ul>	<b>Physical Development</b> <ul style="list-style-type: none"> <li>• Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</li> <li>• Suggested tools: pencils for drawing and writing, paintbrushes, scissors, knives, forks and spoons.</li> </ul>
	<b>Literacy</b> <ul style="list-style-type: none"> <li>• Use some of their print and letter knowledge in their early writing.</li> </ul>	<b>Mathematics</b> <ul style="list-style-type: none"> <li>• Select, rotate and manipulate shapes in order to develop spatial reasoning skills;</li> <li>• Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can;</li> <li>• Continue, copy and create repeating patterns;</li> <li>• Compare length, weight and capacity.</li> </ul>
	<b>Understanding the world</b> <ul style="list-style-type: none"> <li>• Explore the natural world around them.</li> </ul>	<b>Expressive Arts and Design</b> <ul style="list-style-type: none"> <li>• Return to and build on their previous learning, refining ideas and developing their ability to represent them;</li> <li>• Create collaboratively, sharing ideas, resources and skills.</li> </ul>



**Key Stage 1**

	Autumn Term	Spring Term	Summer Term
Year 1	<p><b>Mechanisms</b> Sliders and levers (Poap 1-2 Sliders and levers)</p>	<p><b>Structures</b> Freestanding structures (Poap 1-2 Freestanding structures)</p>	<p><b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) (Poap 1-2 Preparing fruit and vegetables)</p>
Year 2	<p><b>Mechanisms</b> Wheels and axles (Poap 1-2 Wheels and axles)</p>	<p><b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) (Poap 1-2 Preparing fruit and vegetables)</p>	<p><b>Textiles</b> Templates and joining techniques (Poap 1-2 Templates and joining)</p>



**Key Stage 2**

	Autumn Term	Spring Term	Summer Term
Year 3	<p><b>Structures</b> Shell structures (PoaP 3_4 Shell structures)</p>	<p><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2) (PoaP 3_4 Healthy and varied diet)</p>	<p><b>Mechanical Systems</b> Pneumatics (PoaP 3_4 Pneumatics)</p>
Year 4	<p><b>Textiles</b> 2-D shape to 3-D product (PoaP 3_4 2D shape to 3D product)</p>	<p><b>Electrical Systems</b> Simple circuits and switches (including programming and control) (PoaP 3_4 Simple circuits and switches)</p>	<p><b>Food</b> Healthy and varied diet (including requirements for KS2) (PoaP 3_4 Healthy and varied diet)</p>
Year 5	<p><b>Structures</b> Frame structures (PoaP 5_6 Frame structures)</p>	<p><b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) (PoaP 5_6 Celebrating culture and seasonality)</p>	<p><b>Electrical Systems</b> More complex switches and circuits (including programming, monitoring and control) (PoaP 5_6 More complex switches)</p>
Year 6	<p><b>Textiles</b> Combining different fabric shapes (including computer-aided design) (PoaP 5_6 Using computer-aided design)</p>	<p><b>Mechanical Systems</b> Pulleys or gears (PoaP 5_6 Pulleys or gears)</p>	<p><b>Food</b> Celebrating culture and seasonality (including requirements for KS2) (PoaP 5_6 Celebrating culture and seasonality)</p>

