

## Whole School Design and Technology Curriculum Map 2022/2023

	Autumn	Spring	Summer
<b>EYFS</b>	<ul style="list-style-type: none"> <li>• Designing by talking about what they intend to do, are doing and have done.</li> <li>• Saying who and what their products are for.</li> <li>• Drawing what they have made, with some children drawing their ideas before they make.</li> <li>• Opportunities to make their own choices and to discuss the reasons for these.</li> <li>• Learning procedures for safety and hygiene.</li> <li>• Developing practical skills and techniques using a range of materials including food, textiles and construction materials.</li> <li>• Developing their knowledge and understanding in relation to mechanisms, structures, food and textiles.</li> <li>• Exploring and using a range of existing products.</li> <li>• Asking questions about a range of existing products.</li> <li>• Exploring the designed and made world through the indoor and outdoor environment, and through role - play.</li> <li>• Learning and using appropriate technical vocabulary.</li> </ul>		
<b>Y1</b>	<u>Mechanisms- Sliders and Levers</u> Make a Christmas Card	<u>Textiles-Templates and Joining Techniques</u> Glove Puppets	<u>Food- Preparing Vegetables</u> Healthy Eating – (soup)
<b>Y2</b>	<u>Food- Preparing Fruit</u> No bake fruit tart	<u>Mechanisms- Wheels and Axles</u> Fire Engine	Water Movement
<b>Y3</b>	<u>Mechanisms</u> -Linkages and Levers Pulleys	<u>Food - Healthy and Varied diet (link to Science)</u> Breads from around the world	<u>Using computer-aided design (CAD)</u>
<b>Y4</b>	<u>Structures:Shell structures using computer-aided design (CAD)</u> Packaging for chocolate bars Net Design	<u>Mechanical Systems- Pneumatics</u>	<u>Electrical Systems -Simple Circuits and Switches</u> Link to Science
<b>Y5</b>	<u>Textiles - Combining different Fabric Shapes</u> Cushions - links to Art	<u>Mechanical Systems- Pulleys or Gears</u>	<u>Food - Celebrating Culture and Seasonality</u> Link to Global Scholars
<b>Y6</b>	<u>Electrical Systems- More complex switches and circuits</u>  Steady hand game	<u>Structures / Design - Frame Structures</u> Famous Designers Design and make a chair - links to Art	