



Design and Technology

One unit of work to be completed each term

Planning Overview for Design Technology			
EYFS	<p>Expressive Arts and Design Creating with Materials ELG Children at the expected level of development will:</p> <ul style="list-style-type: none"> • Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form, and function; • Share their creations, explaining the process they have used; • Make use of props and materials when role playing characters in narratives and stories. 	<p>Fine Motor Skills</p> <ul style="list-style-type: none"> • Use a range of small tools, including scissors, paint brushes and cutlery • Begin to show accuracy and care when drawing <p>Speaking</p> <ul style="list-style-type: none"> • Express their ideas and feelings about their experiences using full sentences <p>Listening, Attention and Understanding</p> <ul style="list-style-type: none"> • Listen attentively and respond to what they hear with relevant questions, comments and actions when being read to and during whole class discussions and small group interactions • Make comments about what they have heard and ask questions to clarify their understanding <p>Managing Self</p> <ul style="list-style-type: none"> • Understand the importance of healthy food choices 	
Cycle A			
	Autumn	Spring	Summer
Year 1	<p>Mechanisms Sliders & Levers</p>	<p>Food Preparing fruit and vegetables</p>	<p>Textiles Templates & Joining Techniques</p>
Year 2 & 3	<p>Textiles 2D shape to 3D Product</p>	<p>British Inventors A look at selection of British Inventors who changed the world.</p>	<p>Structures Mini Greenhouse</p>
Year 4, 5 & 6	<p>Electrical Systems More complex switches and circuits including programming, monitoring and control</p>	<p>Structures Frame Structures</p>	<p>Materials and Inventions Combining Different Fabric Shapes including computer aided design</p>
Cycle B			
	Autumn	Spring	Summer



Year 2 & 3	Electrical Systems Simple circuits and switches including programming and control.	Food Healthy and Varied Diet including cooking and nutrition requirements of the national curriculum	Mechanisms Levers and Linkages
Year 4, 5 & 6	Textiles Combining Different Fabric Shapes including computer aided design	Electrical Systems More complex switches and circuits including programming, monitoring and control	Food Celebrating culture and seasonality including cooking and nutrition requirements of the national curriculum

Cycle C			
	Autumn	Spring	Summer
Year 4, 5 & 6	Electrical Systems More complex switches and circuits including programming, monitoring and control	Mechanisms Pulleys of Gears	Food Celebrating culture and seasonality including cooking and nutrition requirements of the national curriculum