



*Shine as Lights in the World*

**St Mary's CE School  
DT Progression Map**

<b>Food Technology</b>						
<b>EYFS</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
<p>Cut ingredients safely and hygienically</p> <p>Assemble or cook ingredients</p>	<p><b>Healthy sandwiches</b></p> <p>Cut ingredients safely and hygienically</p> <p>Assemble ingredients</p> <p>Understand where food comes from</p>	<p><b>Pizza</b></p> <p>Cut, peel or grate ingredients safely and hygienically</p> <p>Measure or weigh using measuring cups or electronic scales</p> <p>Understand where food comes from</p>	<p><b>Egypt inspired meal</b></p> <p>Prepare savoury ingredients hygienically using appropriate utensils</p> <p>Measure accurately</p> <p>Follow a recipe</p> <p>Assemble or cook ingredients</p> <p>Understand seasonality and know where and</p>	<p><b>Bread</b></p> <p>Prepare ingredients hygienically using appropriate utensils</p> <p>Measure ingredients to the nearest gram</p> <p>Assemble and cook ingredients – controlling the temperature of the oven/hob</p> <p>Understand seasonality and</p>	<p><b>Potage</b></p> <p>Understand the importance of correct storage and handling of ingredients - knowledge of micro organisms</p> <p>Measure ingredients to the nearest gram</p> <p>Assemble and cook ingredients – controlling the temperature of the oven/hob</p>	<p><b>Caribbean feast</b></p> <p>Measure accurately and calculate ratios of ingredients to scale up or down from a recipe</p> <p>Create and refine recipes, including ingredients, methods, cooking times and temperatures</p>

			how a variety of ingredients are grown, reared, caught and processed.	know where and how a variety of ingredients are grown, reared, caught and processed.	Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.	Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.
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Textiles						
EY	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Thread items onto ribbon  Cut textiles	<b>Up- Cycled Bag</b> Cut materials safely using tools provided  Shape textiles using template  Colour and embelish textiles	<b>Pouch</b> Joining textiles using running stitch  Colour and decorate textiles using a number of techniques				

<b>Structures and mechanisms linking some electrical elements</b>						
<b>EY</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
<p>Cut materials safely using tools provided</p> <p>Demonstrate a range of cutting and shaping techniques – tearing, cutting, folding.</p> <p>Use materials to practice drilling, screwing and gluing and nailing</p>	<p><b>Moving picture</b> Cut materials safely using tools provided</p> <p>Demonstrate a range of cutting and shaping techniques – tearing, cutting, folding, curling</p> <p>Use materials to practice cutting, shaping, joining and finishing.</p>	<p><b>Fire Engines</b> Measure and mark out to the nearest cm</p> <p>Demonstrate a range of joining techniques – gluing, hinges, combining materials</p> <p>Explore wheels and axles</p>	<p><b>Moving Monsters Pop-up Book</b> Use scientific knowledge of forces to choose appropriate mechanisms for a product such as a lever, winding mechanism, pulleys and gears</p>	<p><b>Roman Chariots Light-up Boxes</b> Measure and mark out to the nearest mm</p> <p>Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material – slots or cuts</p> <p>Create parallel circuits</p> <p>Strengthen materials using suitable techniques</p>	<p><b>Viking Longships</b> Convert rotary motion to liner motion using cams</p>	<p><b>War Shelters CAD</b> Develop a range of cutting and joining skills to create products</p> <p>To use glue gun to join structures</p> <p>To make accurate frames to form a 3D structure</p>

Units covered	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	<b>Sandwiches</b>	<b>Making Pizza</b>	<b>Designing Photo frames</b>	<b>Roman Chariots</b> <b>Making Bread</b>		<b>Shelters</b> <b>CAD</b>
Spring		<b>Wheels and Axles</b> <b>Fire engines</b>  <b>Sewing a pouch</b>	<b>Pneumatics</b> <b>Moving Monsters</b>	<b>Light up boxes</b>	<b>Eat like an Anglo Saxon</b> <b>Make a potage</b>  <b>Viking Longships</b> <b>Cams</b>	
Summer	<b>Upcycled bag</b>  <b>Making a moving picture</b>		<b>Eat like an Egyptian</b> <b>Make an Egypt inspired meal.</b>  <b>Pop-up books</b>			<b>Caribbean feast</b>