

	Food Technology	Autumn	Spring	Summer
Year 1	<ul style="list-style-type: none"> <li>Design and make a healthy sandwich</li> <li>Research what is and is not healthy</li> </ul>	<p><b>Textiles (join by glue):</b></p> <p>Assembling and joining using glue associated with the school and Rochdale e.g. logos</p>	<p><b>Mechanisms (one moving part):</b></p> <p>Create a simple pop up toy using different materials incorporating the use of a slider - (textiles, junk material and card)</p>	<p><b>Structure (axle):</b></p> <p>Create a swing for a play person which includes a moving part making use of stiff card incorporating an axle</p>
Year 2	<ul style="list-style-type: none"> <li>Make a pizza</li> <li>Put on ingredients that they know is healthy (link with healthy body in science)</li> </ul>	<p><b>Structures (tall and stable):</b></p> <p>Create a tall structure of at least 30cm (something that looks aesthetically pleasing having explored tall buildings in London) using a range of straws, junk material, card</p>	<p><b>Textiles (join by sewing) and Structures (stable):</b></p> <p>Create a Kenyan traditional village home with a textile roof which incorporates an African style design (which includes some sewing) and is aesthetically pleasing. Base made of a malleable material e.g. clay, plasticine</p>	<p><b>Mechanisms (axle and wheels):</b></p> <p>Create a moving vehicle with axles and wheels - links to historical unit on transport and reflects transport through the ages</p>

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Year 3	<ul style="list-style-type: none"> <li>• Make scones or a cup cake</li> <li>• If making a cup cake, design it in the first instance</li> </ul>	<p><b>Textiles (measuring and creative):</b></p> <p>Create a weaving loom to produce a A4 floor mat which incorporates a range of textiles and textures</p>	<p><b>Structures (stable and creative)</b></p> <p>Create an aesthetically pleasing structure specifically for the town of Rochdale taking account of large structures such as The Angel of the North. Made from construction kits e.g Meccano</p>	<p><b>Mechanisms (pulley):</b></p> <p>Create a mechanism for loading objects onto a boat which incorporates a pulley system (lifting 1 kg) - links to geography unit of rivers</p>
Year 4	<ul style="list-style-type: none"> <li>• Prepare afternoon tea for 4 guests (which could include your friends but has at least one adult involved)</li> </ul>	<p><b>Mechanisms (lever):</b></p> <p>Create a Roman weapon to propel a marble one metre which is operated by a lever system</p>	<p><b>Textiles (Running Stitch)</b></p> <p>Create a A4 personal flag for the opening ceremony of the Ancient Greek Olympics which incorporates a running stitch</p>	<p><b>Structure</b></p> <p>(incorporating a simple electrical circuit):</p> <p>Create an electrical torch which incorporates changing colours e.g. kaleidoscope</p>

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Year 5	<ul style="list-style-type: none"> <li>Design and make an apple (or fruit) crumble.</li> <li>Pupils must work out which ingredients they need, buy the ingredients and cost it</li> </ul>	<p><b>Structures (use of recycled materials) –</b></p> <p>Create a structure including a prototype to reflect an aspect of European life which could become a European landmark out of recycled materials</p>	<p><b>Textiles (applique and at least 3 different stitches):</b></p> <p>Taking account of the Bayeux Tapestry create a textile product which tells a story and incorporates fabric sewn onto fabric (applique) and stitch detail</p>	<p><b>Mechanisms (gears):</b></p> <p>Create a water mill system for a developing country which incorporates gears and links to Fairtrade</p> <p>or</p> <p>Create a moving (using pneumatics) toy</p>
Year 6	<ul style="list-style-type: none"> <li>Prepare a Sunday lunchtime meal in the tradition of Sunday lunches in the past (meat, roast potatoes, vegetables, etc.)</li> <li>Pupils must work out which ingredients they need, buy the ingredients and cost it</li> </ul>	<p><b>Mechanisms (Applying previous knowledge of axles, sliders, wheels, pulleys, levers and gears):</b></p> <p>Create a vehicle capable of moving over different terrain which incorporates more than one mechanical system</p>	<p><b>Structure and Textiles (Stable and appropriate for setting):</b></p> <p>Create a camouflaged nomadic tent that would be suitable for a desert incorporating a stable structure and a range of joining techniques</p>	<p><b>Mechanisms (a complex electrical circuit with multiple components):</b></p> <p>Create a traffic light system that involves the use of IT</p>