



## Technology Key Stage 3 Curriculum

Year group	Product Design	Textiles	Food Preparation & Nutrition
7	<b>Theme: <i>Childhood adventures</i></b>		
	<p>Adventure story Marble run</p> <p><i>Plan</i>, develop and <i>create</i> a marble run based on a childhood adventure scene.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Paper and board</li> <li>- Motions and mechanisms</li> <li>- Health and safety in a workshop</li> </ul>	<p>Childhood adventure stationary holder</p> <p><i>Plan</i>, develop and <i>create</i> a stationary holder which incorporates a smart and modern material, based on a childhood adventure story.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Fabrics and fibres</li> <li>- Smart and modern materials</li> <li>- How to use a sewing machine safely and correctly</li> </ul>	<p>Children's Party food</p> <p><i>Plan</i>, develop and <i>create</i> a healthy themed pizza for a child's party based on a childhood adventure theme.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Health and safety</li> <li>- Food hygiene and storage</li> <li>- Measuring/ equipment</li> <li>- Eatwell guide</li> </ul>
8	<b>Theme: <i>Festivals</i></b>		
	<p>Earphone tidy</p> <p><i>Plan</i>, develop and <i>create</i> a packaged earphone tidy to be sold at a festival.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Polymers</li> <li>- CAM</li> <li>- Packaging</li> </ul>	<p>Decorative 'E-Textiles' bags</p> <p><i>Plan</i>, develop and <i>create</i> an e-Textiles product to be used at a festival</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Fabrics and fibres (Fabric finishes)</li> <li>- Electronics/ Systems</li> <li>- CAD</li> </ul>	<p>Hand held food for Festivals</p> <p><i>plan</i> and <i>create</i> a hand-held pizza to be served at a festival.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Health and safety</li> <li>- Measuring/ equipment</li> <li>- Bacterial contamination</li> <li>- Raising agents</li> <li>- Dietary needs</li> </ul>
9	<b>Theme: <i>Eco-Warriors</i></b>		
	<p>Recycled jewellery pendant</p> <p><i>Plan</i>, develop and <i>create</i> a decorative, pewter cast trinket based on the work of others.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Metals and alloys</li> <li>- CAD/CAM</li> <li>- The work of others</li> </ul>	<p>Up-cycled Cushions</p> <p><i>Plan</i>, develop and <i>create</i> an upcycled cushion based on the work of others.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Fabrics and fibres (Fabric construction)</li> <li>- Fairtrade/Eco-fashion</li> <li>- The work of others</li> <li>- Decorative textiles</li> </ul>	<p>Seasonal dishes</p> <p><i>Plan</i>, develop and <i>create</i> a healthy locally sourced main meal to serve themselves and others.</p> <p><b>knowledge:</b></p> <ul style="list-style-type: none"> <li>- Health and safety</li> <li>- Microorganisms</li> <li>- Seasonality</li> <li>- Fairtrade</li> </ul>