



# St Barnabas

Church of England Primary Academy

A member of **CDARI**

## Design and Technology Skills Progression

Year	Design	Make	Evaluate	Technical knowledge	Food Technology
<p>Year 3</p> <p>Photo frames- Christmas</p> <p>Food- Healthy Sandwiches- Lovely Lunches</p> <p>Mechanical systems - Story books (Fables English link)</p>	<ul style="list-style-type: none"> <li>Develop more than one design or adaptation of an initial design.</li> <li>Plan a sequence of actions to make a product.</li> <li>Think ahead about the order of their work and decide upon tools and materials.</li> <li>Propose realistic suggestions as to</li> </ul>	<ul style="list-style-type: none"> <li>Select from a range of tools for cutting, shaping, joining and finishing.</li> <li>Use tools with accuracy.</li> <li>Select from materials according to their functional properties.</li> <li>Use appropriate finishing techniques.</li> </ul>	<ul style="list-style-type: none"> <li>Investigate similar products to the one to be made to give starting points for a design.</li> <li>Research needs of users.</li> <li>Decide which design idea to develop.</li> <li>Consider and explain how the finished product could be improved.</li> </ul>	<ul style="list-style-type: none"> <li>Use an increasingly appropriate technical vocabulary for tools materials and their properties.</li> <li>Prototype a product.</li> <li>Strengthen frames with diagonal struts.</li> <li>Measure and mark square section, strip and</li> </ul>	<ul style="list-style-type: none"> <li>Follow instructions / recipes.</li> <li>Join and combine a range of ingredients.</li> <li>Begin to understand the food groups on the Eatwell Plate.</li> </ul>

	<p>how they can achieve their design ideas.</p>		<ul style="list-style-type: none"><li>• Discuss how well the finished product meets the user's design criteria.</li><li>• Investigate key events and individuals in design and technology.</li></ul>	<ul style="list-style-type: none"><li>• Use linkages to make movement larger or more varied.</li></ul> <p>dowel accurately to 1 cm.</p>	
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