



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 6</p> <p>Food- Grab and go healthy snacks</p> <p>Structures- Building Pyramids & skyscrapers</p> <p>Electrical & Computer Programming- programmable lighting</p>	<ul style="list-style-type: none"> Plan the sequence of work. Devise step by step plans which can be read / followed by someone else. Use exploded diagrams and cross-sectional diagrams to communicate ideas. 	<ul style="list-style-type: none"> Make prototypes. Use researched information to inform decisions. Produce detailed lists of ingredients / components / materials and tools. Refine their product – review and rework / improve. 	<ul style="list-style-type: none"> Identify the strengths and weaknesses of their design ideas. Report using correct technical vocabulary. Discuss how well the finished product meets the design criteria having tested on/discussed 	<ul style="list-style-type: none"> Use the correct vocabulary appropriate to the project. Join materials using appropriate methods. Use electrical systems such as motors and switches. Program, monitor and control using ICT. 	<ul style="list-style-type: none"> Understand and apply the principles of a healthy and varied diet. Choose ingredients to support healthy eating choices when designing their food products. Prepare and cook a variety of mostly savoury dishes using a range of

			<p>outcomes with the user.</p> <ul style="list-style-type: none">• Understand how key people have influenced design in a variety of contexts.• Investigate key events and individuals in design and technology.	<ul style="list-style-type: none">• Cut strip wood, dowel, square section wood accurately to 1mm.• Build frameworks to support mechanisms.• Stiffen and reinforce complex structures.	<p>cooking techniques.</p>
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