

<p>Y5 Design and Technology Knowledge Solar System Prepare and cook predominantly savoury dishes (linked to Turkey) Bridges Challenge</p>	<p>Y6 Design and Technology Knowledge Ancient Egyptian/Greek food technology Train Challenge</p>
<p>Y5 DT Skills Make Self select and use a wider range of tools independently to cut, shape, join and finish accurately Evaluate Investigate and analyse/disassemble a range of existing products to build on own ideas Evaluate ideas and products against their own design criteria and consider the views of others to improve their work Begin to understand the key events and individuals in DT that have helped shape the world Technical Knowledge Apply understanding of how to strengthen, stiffen and reinforce structures in a range of contexts. Select from and use wide range of tools and components, textiles and ingredients according to their functional properties and aesthetic qualities Through discussion and annotated sketches, cross sectional and exploded diagrams prototypes and generate communicate and model ideas. Apply their understanding of computing to program monitor and control their products. Cooking & Nutrition Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand & apply principles of a healthy diet</p>	<p>Y6 DT Skills Make Self select and use a wider range of tools independently to cut, shape, join and finish accurately Evaluate Investigate and analyse/disassemble a range of existing products to build on own ideas Evaluate ideas and products against their own design criteria and consider the views of others to improve their work Begin to understand the key events and individuals in DT that have helped shape the world Technical Knowledge Apply understanding of how to strengthen, stiffen and reinforce structures in a range of contexts. Select from and use wide range of tools and components, textiles and ingredients according to their functional properties and aesthetic qualities Through discussion and annotated sketches, cross sectional and exploded diagrams prototypes and generate communicate and model ideas. Apply their understanding of computing to program monitor and control their products. Understand the key events and individuals in DT that have helped shape the world Understand and use mechanical systems in their products Cooking & Nutrition Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand & apply principles of a healthy diet</p>

Upper KS2 Concepts

As designers we understand the impact of great design on daily life and the world to solve problems

As designers we use imagination and creativity to design, make and evaluate our products

As designers we use our technical skills and knowledge from other subjects to build our products