

Design Technology Year 2	
Developing, planning and communicating ideas	<ul style="list-style-type: none"> • Generate ideas through comparing existing products • Plan and design a purposeful, innovative product using pictures, diagrams and words • Plan and choose the most appropriate tools and materials and explain their choices
Working with tools, equipment, materials and components to make quality products	<ul style="list-style-type: none"> • Join materials/components together in different ways • Measure materials to use in a model and structure drawing on mathematical knowledge (inc. construction/textiles/ingredients) • Use joining/folding/rolling to make their product stronger
Evaluating processes and products	<ul style="list-style-type: none"> • Assess how well their product works against design criteria • Explain how they can improve a product, including their own
Areas of Study	
Mechanisms	<ul style="list-style-type: none"> • Make a product that moves • Cut materials using scissors • Describe materials using specific, technical vocabulary • Explore and use mechanisms <i>eg levers/sliders/wheels and axles</i> • Join materials together as part of a moving product • Explain how different parts move <i>eg levers/sliders/wheels and axles</i>
Cooking and Nutrition	<ul style="list-style-type: none"> • Understand where food comes from • Select and use appropriate fruit and vegetables, processes and tools • Use basic food handling, hygienic practises and personal hygiene • Use the basic principles of a healthy and varied diet to prepare dishes
Technical terms related to topic (Key vocabulary)	Related Vocabulary
Greater Depth:	<ul style="list-style-type: none"> • Design and create multiple prototypes demonstrating increasing levels of precision • Independently modify prototypes and design briefs to ensure effective alterations are made to products
Topic/Novel Link:	

Defined End Point
<ul style="list-style-type: none"> - Build and apply a repertoire of knowledge, understanding and skills in order to design and make products for a wide range of users ,critique, evaluate and test their ideas and products - Understand and apply the principles of nutrition and the importance of leading a healthy life

