

Design Technology Year 1	
Developing, planning and communicating ideas	<ul style="list-style-type: none"> • Identify key features of an existing product • Think of ideas of their own • Plan and design a purposeful, functional product using pictures and labels • Explain their ideas through a range of medias - (Orally/ICT/templates/mock-ups and drawings)
Working with tools, equipment, materials and components to make quality products	<ul style="list-style-type: none"> • Explain what they are making • Select appropriate resources and tools (eg <i>cutting/shaping/joining and finishing</i>) • Explain which tools, materials and components they are using and why (inc. construction/textiles/ingredients) • Use tools safely
Evaluating processes and products	<ul style="list-style-type: none"> • Explore and evaluate a range of existing products • Describe how their products work • Identify success and next steps against design criteria
Areas of Study	
Construction and Use of Materials	<ul style="list-style-type: none"> • Arrange pieces of construction before building • Make a structure using different materials, and explore how they can be made stronger, stiffer and more stable • Make sensible choices of which materials to use for their own construction • Make their structure stronger, stiffer and more stable
Textiles	<ul style="list-style-type: none"> • Group fabrics and threads by colour and texture • Weave a pattern • Identify when patterns are used in textile design • Measure an amount of textile and cut them accurately • Explain choice of textile • Join/bond textiles together to make a product, using techniques such as stitching • Build an image using fabrics • Create a large scale textile/sculpture through class/group collaboration
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"> - Start to use modelled strategies to design and make products for a wide range of users - Critique, evaluate and test their ideas and products 	

