

	Year 1 and Year 2	Year 3 and Year 4	Year 5 and Year 6
Developing, planning and communicating ideas.	<ul style="list-style-type: none"> ✓ Generate ideas by drawing on their own and other people's experiences ✓ Develop their design ideas through discussion, observation, drawing and modelling and explain what they are going to do ✓ Identify a purpose for what they intend to design and make ✓ Identify a target group for what they intend to design and make ✓ Identify simple design criteria ✓ Make simple drawings and label parts 	<ul style="list-style-type: none"> ✓ Generate ideas, considering the purposes for which they are designing ✓ Identify a purpose and establish criteria for a successful product. ✓ ✓ Make labelled drawings from different views showing specific features ✓ Develop a clear idea of what has to be done, planning how to use materials, equipment and processes, and suggesting alternative methods of making, if the first attempts fail ✓ Evaluate products and identify criteria that can be used for their own designs 	<ul style="list-style-type: none"> ✓ Generate ideas through brainstorming and identify a purpose for their product ✓ Communicate their ideas through detailed labelled drawings ✓ Develop a design ✓ specification ✓ Explore, develop and communicate aspects of their design proposals by modelling their ideas in a variety of ways planning how to use materials, equipment and processes, and suggesting alternative methods of making, if the first attempts fail ✓ Plan the order of their work, choosing appropriate materials, tools and techniques
Working with tools, equipment, materials and components to make quality products (inc food)	<ul style="list-style-type: none"> ✓ Begin to select tools and materials; use vocab' to name and describe them ✓ With help measure, cut and score with some accuracy ✓ Use hand tools safely and appropriately eg scissors and a hole punch safely ✓ Assemble, join and combine materials in order to make a product using a variety of temporary methods eg. glues or masking tape ✓ Cut, shape and join fabric to make a simple garment. Use basic sewing techniques ✓ Follow safe procedures for food safety and hygiene ✓ Choose and use appropriate finishing techniques 	<ul style="list-style-type: none"> ✓ Demonstrate hygienic food preparation and storage ✓ Think about their ideas as they make progress and be willing change things if this helps them improve their work ✓ Measure, tape or pin, cut and join fabric with some accuracy ✓ Use finishing techniques strengthen and improve the appearance of their product using a range of equipment ✓ Work safely and accurately ✓ Select appropriate tools and techniques for making their product ✓ Measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques ✓ Join and combine materials and components accurately in temporary and permanent ways ✓ Sew using a range of different stitches, weave and knit Measure, tape or pin, cut and join fabric with some accuracy ✓ Use simple graphical communication techniques 	<ul style="list-style-type: none"> ✓ Select appropriate tools, materials, components and techniques Measure and mark out accurately ✓ Weigh and measure accurately (time, dry ingredients, liquids) ✓ Apply the rules for basic food hygiene and other safe practices eg. hazards relating to the use of ovens ✓ ✓ Assemble components make working models ✓ Use tools safely and accurately ✓ Construct products using permanent joining techniques ✓ Make modifications as they go along ✓ Pin, sew and stitch materials together create a product ✓ Achieve a quality product

<p>Evaluating processes and products</p>	<ul style="list-style-type: none">✓ Evaluate their product by discussing how well it works in relation to the purpose✓ Evaluate against their design criteria✓ Evaluate their products as they are developed, identifying strengths and possible changes they might make✓ Talk about their ideas, saying what they like and dislike about them	<ul style="list-style-type: none">✓ Evaluate their work both during and at the end of the assignment✓ Evaluate their products carrying out appropriate tests	<ul style="list-style-type: none">✓ Evaluate their products against the original design specification, identifying strengths and areas for development, and carrying out appropriate tests✓ Record their evaluations using drawings with labels✓ Evaluate against their original criteria and suggest ways that their product could be improved
--	---	---	---