

## Appendix 2

## PROGRESSION of Skills in DESIGN TECHNOLOGY

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Developing, planning and communicating ideas.	<ul> <li>Generate ideas from their own experience.</li> <li>Suggest and explain ideas</li> <li>Identify target group</li> <li>Model ideas in paper and card</li> <li>Create design ideas based on research</li> </ul>	<ul> <li>Generate ideas from their own and other people's experiences</li> <li>Develop their design ideas</li> <li>Identify a purpose for their design</li> <li>Identify simple design criteria</li> <li>Make simple, labelled drawings</li> </ul>	<ul> <li>Generate ideas, considering its purpose and users</li> <li>Establish criteria for a successful product</li> <li>Plan order of work, before starting</li> <li>Explore, develop and discuss design ideas</li> <li>Draw labelled designs</li> </ul>	<ul> <li>Generate ideas considering the purposes for their design</li> <li>Make labelled drawings, including features and different views</li> <li>Plan order of work, including suggesting alternative methods of making</li> <li>Evaluate products and identify criteria they can use in their designs</li> </ul>	<ul> <li>Generate ideas and identify a purpose for their product</li> <li>Draw up a specification for their design</li> <li>Develop a clear idea of work to be done, including suggesting alternative methods of making</li> <li>Use results of investigations and information sources to inform design ideas</li> </ul>	<ul> <li>Generate detailed, labelled drawings</li> <li>Develop a design specification</li> <li>Model their ideas in a variety of ways</li> <li>Plan the order of their work, choosing appropriate materials, tools and techniques</li> </ul>
Working with tools, equipment, materials and components to make quality	<ul> <li>With help, measure, mark out and cut a variety of materials</li> <li>Use tools and kitchen equipment safely eg. Scissors, knives</li> </ul>	<ul> <li>Select tools and materials, using correct vocabulary to describe them</li> <li>Measure, cut</li> </ul>	<ul> <li>Select tools and techniques</li> <li>Measure, mark out, score and assemble materials with</li> </ul>	<ul> <li>Select         <ul> <li>appropriate</li> <li>tools and</li> <li>techniques</li> </ul> </li> <li>Measure, mark         <ul> <li>out, cut and</li> </ul> </li> </ul>	<ul> <li>Select         <ul> <li>appropriate</li> <li>materials, tools</li> <li>and techniques</li> </ul> </li> <li>Measure and         <ul> <li>mark out</li> </ul> </li> </ul>	<ul> <li>Select         <ul> <li>appropriate</li> <li>materials, tools</li> <li>and techniques</li> </ul> </li> <li>Use tools safely         <ul> <li>and accurately</li> </ul> </li> </ul>

products.	<ul> <li>Join, assemble and combine materials using different methods.</li> <li>Use food handling hygienic practices and personal hygiene</li> <li>Use simple finishing techniques to improve the appearance of their product</li> </ul>	<ul> <li>and score with some accuracy</li> <li>Use hand tools safely</li> <li>Assemble, join and combine materials</li> <li>Cut, shape and join fabric</li> <li>Follow safe procedures for food safety and hygiene</li> <li>Choose and use appropriate finishing techniques</li> </ul>	<ul> <li>more accuracy</li> <li>Work safely and accurately with a variety of simple tools</li> <li>Consider and change ideas, to improve product</li> <li>Measure, tape or pin, cut and join fabric with some accuracy</li> <li>Demonstrate hygienic food preparation and storage</li> <li>Use finishing techniques to strengthen and improve the appearance of product</li> </ul>	<ul> <li>shape a range of materials</li> <li>Join and combine materials accurately</li> <li>Sew and weave</li> <li>Measure, tape or pin, cut and join fabric with some accuracy</li> <li>Use/ devise a simple pattern</li> </ul>	<ul> <li>accurately</li> <li>Use tools and equipment safely and accurately</li> <li>Measure and weigh accurately</li> <li>Apply rules for basic food hygiene and safe practices</li> <li>Accurately cut and join materials to ensure a quality finish</li> </ul>	<ul> <li>Use permanent joining techniques</li> <li>Pin, sew and stitch materials to create a product</li> <li>Produce a quality product</li> </ul>
Evaluating processes and products.	<ul> <li>Evaluate product by discussing how well it works in relation to the purpose.</li> <li>Evaluate products as they develop, identifying changes they might make</li> <li>Evaluate their product by discussing what they have made and how they made it</li> </ul>	<ul> <li>Evaluate against their design criteria</li> <li>Evaluate their products as they are developed, identifying strengths and changes made</li> <li>Say what they like/ dislike about their product</li> </ul>	<ul> <li>Evaluate their product against original design criteria</li> <li>Disassemble and evaluate familiar products</li> </ul>	<ul> <li>Evaluate their work during and at the end of the assignment</li> <li>Evaluate their products by testing them out</li> </ul>	<ul> <li>Evaluate product against the original design</li> <li>Seek evaluation from others</li> </ul>	<ul> <li>Evaluate their products, identifying strengths and areas for development</li> <li>Evaluate against their original criteria and suggest improvements</li> </ul>