

## Design and Technology Progression of Skills

	YEAR 3	YEAR 4	YEAR 5	YEAR 6
<b>DEVELOPING, PLANNING AND COMMUNICATION</b>	<p>Generate ideas, considering purpose and user</p> <p>Identify purpose and criteria for success</p> <p>Plan the order of work</p> <p>Experiment, develop and communicate design by drawing with labels</p>	<p>Generate ideas, considering purpose and user</p> <p>Make labelled drawings from different views showing features</p> <p>Develop clear ideas of process: plan materials, equipment, alter methods (plan B)</p> <p>Evaluate and identify improvements</p>	<p>Generate ideas through mind-mapping and identify purpose</p> <p>Draw up a specification for design</p> <p>Develop clear ideas of process: plan materials, equipment, alter methods (plan B)</p> <p>Use resources and ICT when developing designs</p>	<p>Communicate ideas through detailed labelled drawings</p> <p>Develop a design specification</p> <p>Explore, develop and communicate aspects by modelling ideas in a variety of ways</p> <p>Plan the order of work and select materials, tools and techniques</p>
<b>WORKING WITH TOOLS, EQUIPMENT, MATERIALS COMPETENTLY TO MAKE QUALITY PRODUCTS</b>	<p>Select tools and techniques to make products</p> <p>Measure, mark, cut, score and assemble components with more accuracy</p> <p>Work safely and accurately with simple tools</p> <p>Consider ideas and be willing to change elements if it helps improve them</p>	<p>Select appropriate tools and techniques to make products</p> <p>Measure, mark, cut and shape a range of materials using tools</p> <p>Join and combine materials and components in temporary and permanent ways</p> <p>Sew in a range of different stitches, weave and knit</p> <p>Measure, tape or pin, cut and join fabric</p>	<p>Select appropriate materials, tools and techniques</p> <p>Mark and measure accurately</p> <p>Use tools and equipment safely and accurately</p> <p>Weigh and measure accurately (time, ingredients, liquids)</p> <p>Apply rules for basic food hygiene and safe practices (ie ovens)</p>	<p>Select appropriate materials, tools and techniques</p> <p>Assemble components, make working models</p> <p>Use tools safely and accurately</p> <p>Construct using permanent joining techniques</p> <p>Make modifications as they go</p> <p>Pin, sew and stitch to create products</p> <p>Achieve a quality product</p>

	<p>Measure, tape, pin, cut and join fabric</p> <p>Demonstrate hygienic food prep and storage</p> <p>Use finishing techniques and strengthen and improve the appearance of products</p>		<p>Cut and join with accuracy to get a good quality finish</p>	
<b>EVALUATING</b>	<p>Evaluate products against original design criteria</p> <p>Discuss and evaluate familiar products</p>	<p>Evaluate work during and after assignment</p> <p>Evaluate product carrying out tests</p>	<p>Evaluate products against original design</p> <p>Evaluate personally and seek evaluation from others</p>	<p>Evaluate products: strengths, weaknesses and perform tests</p> <p>Record evaluations with drawings and labels</p> <p>Evaluate against original criteria and suggest improvements</p>
<b>GENERAL</b>	<p>Must have a user</p> <p>Must have a purpose/function</p> <p>Work independently and collaboratively</p>			