

DT – Progression of skills in Key Stage 2

	Year 3	Year 4	Year 5	Year 6
Design	<p>Generate ideas for an item and consider its purpose and user (home and leisure).</p> <p>Explore existing prototypes to assist them with their own designs.</p> <p>Explore, develop and discuss design proposals by sharing ideas and annotating diagrams.</p>	<p>Generate ideas that consider the purpose and user clearly (culture and religion).</p> <p>Explore existing prototypes and incorporate these ideas into their own design.</p> <p>Explore, develop and discuss design proposals by annotating diagrams and using prototypes.</p>	<p>Generate ideas that consider the purpose of targeted audiences (leisure and enterprise).</p> <p>Explore and research existing prototypes and incorporate these ideas into their own design.</p> <p>Develop clear design proposals that have clear purposes and produce annotated exploded diagrams.</p>	<p>Generate ideas that consider purpose and how it links with the wider context (enterprise and industry).</p> <p>Explore and research existing prototypes and incorporate them in their own design.</p> <p>Develop clear design proposals that identify the materials, tools and equipment they need. Produce annotated exploded or cross sectional diagrams.</p>
Make	<p>Select from a range of materials to perform a sewing task (binca and thread / running and cross stitch)</p> <p>Begin to select tools and techniques for making their product.</p> <p>Assemble, join and combine materials together using a variety of methods (PVA glue, tape, thread).</p> <p>Use simple finishing techniques to improve the appearance of their product.</p>	<p>Select from a range of materials to create an electrical device (simple circuit – light bulb)</p> <p>Select tools and techniques for making their product.</p> <p>Join and combine materials and components accurately in temporary ways (PVA glue, split pins, clips, tape).</p> <p>Chose and use appropriate finishing techniques.</p>	<p>Select from a range of materials to perform a sewing task (felt and thread / cross and blanket stitch)</p> <p>Select tools and techniques for making their product and be willing to change things if it helps to improve their design.</p> <p>Join and combine materials and components accurately in temporary and permanent ways (thread, hot glue, PVA glue, wooden cams).</p> <p>Cut and join with accuracy to ensure a good quality finish to the product.</p>	<p>Select from a range of materials to create an electrical device (complex circuit – board game)</p> <p>Select appropriate tools, materials, components and techniques and make modifications as they go along.</p> <p>Join and combine materials and components accurately in permanent ways (hot glue, wood glue).</p> <p>Cut and join with accuracy to ensure a good quality finish to the product.</p>

<p>Evaluate</p>	<p>Investigate and analyse a range of existing products.</p> <p>Evaluate their product by discussing how well it works in relation to the purpose.</p> <p>Evaluate their products and identifying the strengths and possible changes they might make.</p> <p>Evaluate their products considering other children's viewpoints.</p>	<p>Investigate and analyse a range of existing products and explore how it can be used in their own designs.</p> <p>Evaluate against their design criteria.</p> <p>Evaluate their products as they are developed, identifying strengths and possible changes they might make.</p> <p>Use peer-assessment to evaluate the effectiveness of their product</p>	<p>Evaluate existing products and identify criteria that can be used in their own designs.</p> <p>Evaluate their work both during and at the end of the assignment.</p> <p>Evaluate their products carrying out appropriate tests.</p> <p>Use peer-assessment to evaluate against identified criteria</p>	<p>Evaluate existing products and identify criteria that can be used in their own designs.</p> <p>Evaluate a product against the original design specification.</p> <p>Evaluate it personally and seek evaluation from others considering the original design specification.</p>
<p>Cooking and Nutrition</p>	<p>Understand what a healthy diet is</p> <p>Understand seasonality and know where and how a variety of ingredients are grown</p> <p>Prepare a healthy sandwich using a range of preparing techniques.</p>	<p>Explore what constitutes as a healthy meal</p> <p>Understand seasonality and know where and how a variety of ingredients are grown and reared.</p> <p>Prepare and cook a healthy pizza using a range of preparing techniques.</p>	<p>Explore food nutritional labels</p> <p>Understand seasonality and know where and how a variety of ingredients are grown, reared and processed.</p> <p>Prepare and cook biscuits for a fete sale using a range of cooking techniques.</p>	<p>Understand the different calories in food products</p> <p>Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p>Prepare and cook bread using a range of cooking techniques.</p>