

## D&T Skills

*Expected by End of Year 2*

<b>D&amp;T Skills</b> <i>Expected by End of Year 2</i>	
<b>Materials</b>	<b>Cooking &amp; Nutrition</b>
<ul style="list-style-type: none"><li>• Cut materials safely using tools provided.</li><li>• Measure and mark out to the nearest centimetre.</li><li>• Demonstrate a range of cutting and shaping techniques (such as tearing, cutting, folding and curling).</li><li>• Demonstrate a range of joining techniques (such as gluing, hinges or combining materials to strengthen).</li></ul>	<ul style="list-style-type: none"><li>• Cut, peel or grate ingredients safely and hygienically.</li><li>• Measure or weigh using measuring cups or electronic scales.</li><li>• Assemble or cook ingredients.</li></ul>
<b>Textiles</b>	<b>Design, Make &amp; Evaluate</b>
<ul style="list-style-type: none"><li>• Shape textiles using templates.</li><li>• Join textiles using running stitch.</li><li>• Colour and decorate textiles using a number of techniques (such as dyeing, adding sequins or printing).</li></ul>	<ul style="list-style-type: none"><li>• Design products that have a clear purpose and an intended user.</li><li>• Make products, refining the design as work progresses.</li><li>• Use software to design.</li><li>• Use software to design and represent product designs.</li></ul>
<b>Electricals, Electronics &amp; Computing</b>	<b>Constructions &amp; Mechanics</b>
<ul style="list-style-type: none"><li>• Diagnose faults in battery operated devices (such as low battery, water damage or battery terminal damage).</li><li>• Model designs using software</li></ul>	<ul style="list-style-type: none"><li>• Use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.</li><li>• Create products using levers, wheels and winding mechanisms.</li></ul>
<b>To take Inspiration from Design Throughout History</b>	
<ul style="list-style-type: none"><li>• Explore objects and designs to identify likes and dislikes of the designs.</li><li>• Suggest improvements to existing designs.</li><li>• Explore how products have been created.</li></ul>	