


**Wheatcroft School**  
**Progression in Design Technology**

	EYFS	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
<b>Research</b>	<ul style="list-style-type: none"> <li>I can safely use and explore a variety of materials, tools and techniques experimenting with colour, design, texture, form and function.</li> <li>I can represent my own ideas, thoughts and feelings through design and technology etc.</li> <li>I can make use of props and materials when role playing characters in narratives and stories.</li> <li>I can use a range of small tools, including scissors, paintbrushes and cutlery.</li> </ul>	<ul style="list-style-type: none"> <li>I can explore existing products and how they have been made.</li> <li>I can link the product to its purpose.</li> </ul>	<ul style="list-style-type: none"> <li>I can evaluate existing products to inform the design process.</li> <li>I can identify the needs of the user.</li> </ul>	<ul style="list-style-type: none"> <li>I can evaluate a range of existing products.</li> <li>I can identify user and purpose.</li> </ul>
<b>Design</b>		<ul style="list-style-type: none"> <li>I can use pictures and words to convey what they want to design.</li> <li>I can use drawings to record ideas and add notes.</li> <li>I can design products that are appealing, functional and purposeful.</li> </ul>	<ul style="list-style-type: none"> <li>I can develop more than one design or adaptation of an initial design.</li> <li>I can record ideas and plan using annotated sketches.</li> </ul>	<ul style="list-style-type: none"> <li>I can sketch and model alternative ideas.</li> <li>I can record ideas using annotated diagrams including exploded or cross-sectional diagrams.</li> <li>I can plan the sequence of work and list tools needed.</li> </ul>
<b>Make</b>		<ul style="list-style-type: none"> <li>I can select materials from the range available according to their characteristics.</li> <li>I can select and name the tools needed.</li> </ul>	<ul style="list-style-type: none"> <li>I can select from a range of materials and components according to their functional and aesthetic qualities.</li> <li>I can use tools with increasing accuracy.</li> </ul>	<ul style="list-style-type: none"> <li>I can select and use a wide range of tools and materials accurately.</li> <li>I can use appropriate finishing techniques.</li> </ul>

		<ul style="list-style-type: none"> <li>I can perform practical tasks using a range of materials and tools.</li> <li>I can explain what I am making and what I need to do next.</li> </ul>	<ul style="list-style-type: none"> <li>I can perform practical tasks accurately.</li> <li>I can plan the stages of the making process.</li> </ul>	<ul style="list-style-type: none"> <li>I can refine my product – review and rework.</li> </ul>
<b>Evaluate</b>	<ul style="list-style-type: none"> <li>I can share my creations, explaining the process I have used.</li> </ul>	<ul style="list-style-type: none"> <li>I can note changes made during the making process.</li> <li>I can say what I like or don't like about items I have made and explain why.</li> <li>I can discuss how closely my product meets the design criteria.</li> </ul>	<ul style="list-style-type: none"> <li>I can discuss how well the finished product meets the design criteria.</li> <li>I can consider and explain how the finished product could be improved.</li> <li>I know how key people have influenced design.</li> </ul>	<ul style="list-style-type: none"> <li>I can identify strengths and weaknesses of design ideas.</li> <li>I can explain how the finished product could be improved related to design criteria.</li> <li>I can discuss how well the finished product meets the needs of the user.</li> </ul>
<b>Technical knowledge</b>		<ul style="list-style-type: none"> <li>I can build structures and explore how they can be made stiffer, stronger and more stable.</li> <li>I can explore and use mechanisms in my products.</li> </ul>	<ul style="list-style-type: none"> <li>I can use mechanical systems (linkages) to make things move.</li> <li>I can use electrical systems in my products (series circuits, bulbs and buzzers).</li> </ul>	<ul style="list-style-type: none"> <li>I can use mechanical systems (cams) in my products.</li> <li>I can use computing to monitor and control my products.</li> </ul>
<b>Food and nutrition</b>		<ul style="list-style-type: none"> <li>I can group familiar food products e.g fruit and vegetables.</li> </ul>	<ul style="list-style-type: none"> <li>I understand seasonality of fruit and vegetables.</li> <li>I can analyse the taste, texture, smell</li> </ul>	<ul style="list-style-type: none"> <li>I know where and how ingredients are grown and processed.</li> </ul>

		<ul style="list-style-type: none"> <li>• I understand the need for a variety of foods in a diet.</li> <li>• I can cut, peel, grate and chop a range of ingredients.</li> <li>• I can measure and weigh food items using cups and spoons.</li> <li>• I can explain where food comes from.</li> </ul>	<p>and appearance of a range of foods (salad bowl).</p> <ul style="list-style-type: none"> <li>• I can follow a recipe.</li> <li>• I can use different cooking techniques.</li> <li>• I can make healthy eating choices.</li> </ul>	<ul style="list-style-type: none"> <li>• I can prepare mostly savoury dishes using my own selection of ingredients.</li> <li>• I can weigh and measure using scales.</li> <li>• I can use a range of cooking techniques.</li> </ul>
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