

Wheatcroft School
Progression in Design Technology

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

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

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