

Progression of Skills in Design & Technology

	EYFS (ELG)	YEAR 1	YEAR 2 (Progression from Y1)
Introduction/ Background Research	<ul style="list-style-type: none"> Learning through play opportunities. 	<ul style="list-style-type: none"> Understand what a product is for and who uses it. Understand how a product works and how it is used. Identify where you might find this product. 	<ul style="list-style-type: none"> Understand what a product is for and who uses it. Understand how a product works and how it is used. Identify where you might find this product. Identify the materials used to make this product. Express an opinion about the product.
Design	<p>DM (Rec)</p> <ul style="list-style-type: none"> Explore, use and refine a variety of artistic effects to express their ideas and feelings. Return to and build on their previous learning, refining ideas and developing their ability to represent them. <p>ELG</p> <ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting 	<ul style="list-style-type: none"> Decide what product they will be designing and making To explain who their product will be used by To describe what their product will be used for. To discuss what their steps for making could be. To represent ideas through drawing and talking. 	<ul style="list-style-type: none"> Decide what product they will be designing and making To explain who their product will be used by To describe what their product will be used for. To discuss what their steps for making could be. To represent ideas through drawing and talking. Use their own experiences to develop ideas and explain their intended outcome. Choose materials based on their suitability and explain why.

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	with colour, design, texture, form and function.		<ul style="list-style-type: none"> • Create templates/ patterns and explore ideas before deciding on a finished material or product.
Make	<p>DM (Rec)</p> <ul style="list-style-type: none"> • Explore, use and refine a variety of artistic effects to express their ideas and feelings. • Return to and build on their previous learning, refining ideas and developing their ability to represent them. • Create collaboratively, sharing ideas, resources and skills. <p>ELG</p> <ul style="list-style-type: none"> • 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"> • Use materials such as construction kits, textiles, food and mechanical components. • Choose suitable tools for making. • Follow safety and food hygiene procedures. • Measure, mark, cut and shape materials and components. • Join, assemble and combine materials and components. 	<ul style="list-style-type: none"> • Use materials such as construction kits, textiles, food and mechanical components. • Choose suitable tools for making. • Follow safety and food hygiene procedures • Measure, mark, cut and shape materials and components. • Join, assemble and combine materials and components. • Use finishing techniques and aim for a quality piece of work. Use transferable skills from Art and Science to achieve the best result.

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<p>Evaluate</p>	<p>DM (Rec)</p> <ul style="list-style-type: none"> • Explore, use and refine a variety of artistic effects to express their ideas and feelings. • Return to and build on their previous learning, refining ideas and developing their ability to represent them. • Create collaboratively, sharing ideas, resources and skills. <p>ELG</p> <ul style="list-style-type: none"> • 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"> • Talk about their design ideas and what they have made. • Make simple judgements of how the product met their design ideas. 	<ul style="list-style-type: none"> • Talk about their design ideas and what they have made • Make simple judgements of how the product met their design ideas. • Suggest how theirs and others products could be improved.
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Technical Knowledge	<p>DM (Rec)</p> <ul style="list-style-type: none"> • Explore, use and refine a variety of artistic effects to express their ideas and feelings. • Return to and build on their previous learning, refining ideas and developing their ability to represent them. • Create collaboratively, sharing ideas, resources and skills. <p>ELG</p> <ul style="list-style-type: none"> • 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"> • Investigate simple working characteristics of materials. • Learn about simple mechanisms such as levers, sliders, wheels and axles. • Understand how freestanding structures can be made stronger, stiffer and more stable. • Know that a 3 D product can be made using 2 or more identical shapes. 	<ul style="list-style-type: none"> • Investigate simple working characteristics of materials. • Learn about simple mechanisms such as levers, sliders, wheels and axles. • Understand how freestanding structures can be made stronger, stiffer and more stable. • Know that a 3 D product can be made using 2 or more identical shapes. • Review the success of their product.
Cooking and Nutrition	<p>DM (Rec)</p> <ul style="list-style-type: none"> • Explore, use and refine a variety of artistic effects to express their ideas and feelings. 	<p>To know that food comes from plants and animals To understand that food has to be farmed, caught or grown. To sort foods into the 5 groups.</p>	<p>To know that food comes from plants and animals To understand that food has to be farmed, caught or grown. To sort foods into the 5 groups.</p>

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	<ul style="list-style-type: none"> • Return to and build on their previous learning, refining ideas and developing their ability to represent them. • Create collaboratively, sharing ideas, resources and skills. <p>ELG</p> <ul style="list-style-type: none"> • 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"> • Use simple cooking techniques such as cutting, peeling and grating. • Prepare simple dishes without a heat-source e.g. fruit salad. 	<ul style="list-style-type: none"> • Use simple cooking techniques such as cutting, peeling and grating. • Prepare simple dishes without a heat-source e.g. fruit salad. • Investigate the nutritional value of foods and identify that people should eat at least 5 a day.
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