



St Andrew's C. Of E (V.C.) Primary School – Progression in DT

Progression in (DT) Skills
Design, make, evaluate.

EYFS	KEY STAGE 1	LOWER KEY STAGE 2	UPPER KEY STAGE 2
<p>Over the two Years a child is with us in EYFS the following skills will be explored.</p> <ul style="list-style-type: none"> • Explore the textures, movement, feel and look of different media and materials. • Respond to a range of media and materials developing an understanding that they manipulate and create effects with these. • Use different media and materials to express their own ideas. • Construct with a purpose in mind using a variety of resources. • Develop skills to use simple tools and techniques competently and appropriately. 	<ul style="list-style-type: none"> • Design purposeful, functional, appealing products for themselves and other users based on design criteria • Make: Select from and use a range of tools and equipment to perform practical tasks. • Evaluate: Explore and evaluate a range of existing products. • 	<ul style="list-style-type: none"> • Design: Use research and develop design criteria to inform the design of functional, appealing products that are fit for purpose. • Make: Select from and use a wider range of tools and equipment to perform practical tasks. • Evaluate : Investigate and analyse a range of existing products. 	<ul style="list-style-type: none"> • Design: Generate, develop, model and communicate their ideas through discussion, annotated sketches and diagrams. • Make: Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties. • Evaluate: Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
	<ul style="list-style-type: none"> • Design: Generate, develop, model and communicate their ideas through talking, drawing, templates, mock ups and where appropriate, information and communication technology. • Make: Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics. 	<ul style="list-style-type: none"> • Design: Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose aimed at particular individuals or groups. • Make: Select from and use a wider range of tools and equipment to perform practical tasks accurately. 	<ul style="list-style-type: none"> • Design: Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer aided design. • Make: Select from and use a wider range of

<ul style="list-style-type: none"> • Select appropriate resources for a product and adapt their work where necessary. 	<ul style="list-style-type: none"> • Evaluate: Evaluate their ideas and products against design criteria. 	<ul style="list-style-type: none"> • Evaluate: Evaluate their ideas and products against their own design criteria and consider how to improve their work 	<p>materials and components, including construction materials , textiles and ingredients, according to their functional</p> <ul style="list-style-type: none"> • Evaluate: Understand how key events and individuals in design and technology have helped shape their world.
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Progression in (DT) Skills
Technical knowledge

KEY STAGE 1	LOWER KEY STAGE 2	UPPER KEY STAGE 2
<ul style="list-style-type: none"> • Technical knowledge: Build structures , exploring how they can be made stronger, stiffer and more stable. 	<ul style="list-style-type: none"> • Technical knowledge: Understand and use mechanical systems in their products 	<ul style="list-style-type: none"> • Technical knowledge: Understand and use electrical systems in their products.
<ul style="list-style-type: none"> • Technical knowledge: Explore and use mechanisms, in their products. 	<ul style="list-style-type: none"> • Technical knowledge: Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. 	<p>Technical knowledge: Apply their understanding of computer to programme, monitor and control their products.</p>

Progression in (DT) Skills

Cooking and nutrition

KEY STAGE 1	LOWER KEY STAGE 2	UPPER KEY STAGE 2
<ul style="list-style-type: none">• Cooking and nutrition: Use the basic principles of a healthy and varied diet to prepare dishes.	<ul style="list-style-type: none">• Cooking and nutrition: Understand and apply the principles of healthy and varied diet.	<ul style="list-style-type: none">• Cooking and nutrition: Know where and how a variety of ingredients are grown and processed.
<ul style="list-style-type: none">• Cooking and nutrition: Understand where food comes from.	<ul style="list-style-type: none">• Cooking and nutrition: Prepare and cook a variety of predominately savoury dishes using a range of cooking techniques.	<ul style="list-style-type: none">• Cooking and nutrition: Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.