

<b>YEAR 1 AND YEAR 2</b>			
<b>ALL CHILDREN WILL CARRY OUT A DT BASED PROJECT AT LEAST ONCE PER TERM PRODUCING WELL DESIGNED AND HIGH QUALITY PRODUCTS RELATED TO OTHER THEMES WITHIN CLASS.</b>			
<b>DESIGN</b>	<b>MAKE</b>	<b>EVALUATE</b>	<b>TECHNICAL KNOWLEDGE</b>
<p><b>Learning focus:</b> To design purposeful, functional, appealing products for themselves and other users based on a design criteria. To generate, develop, model and communicate their ideas through talking, drawing templates, mock-ups and, where appropriate, information communication technology.</p>	<p><b>Learning focus:</b> To select from and use a range of tools and equipment to perform practical tasks. To select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.</p>	<p><b>Learning focus:</b> To explore and evaluate existing products. To evaluate their ideas and products against design criteria.</p>	<p><b>Learning focus:</b> To build structures, exploring how they can be made stronger, stiffer and more stable. To explore and use mechanisms in their products.</p>
<p><b>COOKING AND NUTRITION</b> To use basic principles of a healthy and varied diet <i>to prepare a healthy dish FROM SCRATCH. WITHIN CLASS</i> To understand where food comes from.</p>			
<b>YEAR 3 TO YEAR 6</b>			
<b>ALL CHILDREN WILL CARRY OUT A DT BASED PROJECT AT LEAST ONCE PER TERM PRODUCING WELL DESIGNED AND HIGH QUALITY PRODUCTS RELATED TO OTHER THEMES WITHIN CLASS.</b>			
<b>DESIGN</b>	<b>MAKE</b>	<b>EVALUATE</b>	<b>TECHNICAL KNOWLEDGE</b>
<p><b>Learning focus:</b> To use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose. To generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, prototypes, pattern pieces and computer sided design.</p>	<p><b>Learning focus:</b> To select from and use a wider range of tools and equipment to perform practical tasks accurately. To select from and use a wider range of materials and components, including construction materials, textiles and ingredients according to their functional properties and aesthetic qualities.</p>	<p><b>Learning focus:</b> To investigate and analyse a range of existing products. To evaluate their products and ideas against their own design criteria and consider the views of others to improve their work. To understand how key events and individuals in design and technologies have helped shape the world <i>(at least 1 per year)</i>.</p>	<p><b>Learning focus:</b> To apply their knowledge of how to strengthen, stiffen and reinforce more complex structures. <b>Y5/6 Upper key stage 2:</b> To understand and use mechanical systems in their products. To understand and use electrical systems in their products. To apply their understanding of computing to program, monitor and control their products.</p>

***COOKING AND NUTRITION***

To understand and apply the principles of a healthy and varied diet *to prepare some healthy dishes FROM SCRATCH*

To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques **FROM SCRATCH**

**WITHIN CLASS:**

To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.