



| <b>Progression in (DT) Skills</b><br><b>Design, make, evaluate.</b>  |  |   |
|--|--|---|
| KEY STAGE 1  | LOWER KEY STAGE 2  | UPPER KEY STAGE 2   |
| <ul style="list-style-type: none"> <li>• Design purposeful, functional, appealing products for themselves and other users based on design criteria</li> <li>• Make: Select from and use a range of tools and equipment to perform practical tasks.</li> <li>• Evaluate: Explore and evaluate a range of existing products.</li> <li>•</li> </ul>   | <ul style="list-style-type: none"> <li>• Design: Use research and develop design criteria to inform the design of functional, appealing products that are fit for purpose.</li> <li>• Make: Select from and use a wider range of tools and equipment to perform practical tasks .</li> <li>• Evaluate : Investigate and analyse a range of existing products.</li> </ul>   | <ul style="list-style-type: none"> <li>• Design: Generate, develop, model and communicate their ideas through discussion, annotated sketches and diagrams.</li> <li>• Make: Select from and use a wider range of materials and components, including construction materials , textiles and ingredients, according to their functional properties.</li> <li>• Evaluate: Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Design: Generate, develop, model and communicate their ideas through talking, drawing, templates, mock ups and where appropriate, information and communication technology.</li> <li>• Make : Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.</li> <li>• Evaluate: Evaluate their ideas and products against design criteria.</li> </ul> | <ul style="list-style-type: none"> <li>• 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.</li> <li>• Make: Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Evaluate: Evaluate their ideas and products against their own design criteria and consider how to improve their work</li> </ul> | <ul style="list-style-type: none"> <li>• Design: Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer aided design.</li> <li>• Make: Select from and use a wider range of materials and components, including construction materials , textiles and ingredients, according to their functional</li> <li>• Evaluate: Understand how key events and individuals in design and technology have helped shape their world.</li> </ul> |

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

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