

## End of Unit and Year Assessment of DT KS2

## Mereworth Community Primary School

By the end of KS2 pupils should be able to:	Emerging	Good level of Development	Exceeding	Percentages ( For Art Co-ordinator)
<b>Design</b>				
<ul style="list-style-type: none"> <li>• 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>• Generate, develop, model and communicate their ideas through sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer aided design.</li> </ul>				
<b>Make</b>				
<ul style="list-style-type: none"> <li>• Select from and use a wider range of tools and equipment to perform practical tasks (e.g. cutting, shaping, joining and finishing) accurately</li> <li>• 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</li> </ul>				

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Evaluate				
<ul style="list-style-type: none"> <li>• Investigate and analyse a range of existing products</li> <li>• Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li> <li>• Understand how key events and individuals in design and technology have helped shape the world</li> </ul>				
Technical Knowledge				
<ul style="list-style-type: none"> <li>• Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li> <li>• Understand and use mechanical systems in their products (e.g gears, pulleys, cams, levers and linkages)</li> <li>• Understand and use electrical systems in their products (e.g. series circuits incorporating switches, bulbs, buzzers and motors)</li> <li>• Apply their understanding of computing to program, monitor and control their products</li> </ul>				

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<b>Cooking and Nutrition</b>				
<ul style="list-style-type: none"><li>• Understand and apply the principles of a healthy and varied diet</li><li>• Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</li><li>• Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</li></ul>				