



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Cycle A ( 2017-2018, 2019-2020)</b>						
<ul style="list-style-type: none"> <li>about great artists (Monet), architects and designers in history.</li> <li>to create sketch books to record their observations and use them to review and revisit ideas</li> <li>to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</li> </ul>		✓				
<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 discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design (Brunel)</li> <li>select from and use a wider range of tools and equipment to perform practical tasks [for example, 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> <li><b>Evaluate</b></li> <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> <li><b>Technical knowledge</b></li> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li> <li>apply their understanding of computing to program, monitor and control their products. (Scratch)</li> <li>to create sketch books to record their observations and use them to review and revisit ideas</li> <li>to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</li> <li>about great artists, architects and designers (Brunel), engineers in history.</li> </ul>			✓			
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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Cycle B ( 2017-2018, 2019-2020)</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 discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design (Brunel)</li> <li>select from and use a wider range of tools and equipment to perform practical tasks [for example, 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> <li> <ul style="list-style-type: none"> <li><b>Evaluate</b></li> <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> </li> <li> <ul style="list-style-type: none"> <li><b>Technical knowledge</b></li> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li> <li>apply their understanding of computing to program, monitor and control their products.</li> </ul> </li> </ul>	✓					
<ul style="list-style-type: none"> <li>about great artists architects and designers in history.</li> <li>to create sketch books to record their observations and use them to review and revisit ideas</li> <li>to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</li> </ul>					✓	
<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>						✓

