

# Design Technology



## Upper Key Stage 2 Subject Mapping

2018 Autumn Term	2019 Spring Term	2019 Summer Term
<p style="text-align: center;"><b>Victorious Victorians</b></p> <ul style="list-style-type: none"> <li>• Understand how key events and individuals in design and technology have helped shape the world; telephone, vacuum cleaner, stamps, train, radio, camera, toilet (<i>patents</i>)</li> <li>• Understand and use electrical systems in their products e.g a series circuits incorporating switches, bulbs, buzzers and motors (<i>to replicate car lights / horns etc</i>)</li> <li>• Understand and use mechanical systems in their products using wheels and axels (<i>design, make evaluate a vehicle</i>)</li> </ul>	<p style="text-align: center;"><b>Meet the Romans</b></p> <ul style="list-style-type: none"> <li>• Select from and use a wider range of materials and components, including construction materials, textiles and according to their functional properties and aesthetic qualities</li> </ul>	<p style="text-align: center;"><b>Where did Beatrix Potter come from?</b></p> <p style="text-align: center;">No Design Technology</p>
2019 Autumn Term	2020 Spring Term	2020 Summer Term
<p style="text-align: center;"><b>Who were the Egyptians?</b></p> <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>• select from and use a wider range of tools to perform practical tasks (e.g. cutting, joining, finishing).</li> <li>• select from and use a wider range of materials and textiles according to their functional properties and aesthetic qualities (e.g. cutting, joining, finishing)</li> </ul>	<p style="text-align: center;"><b>Dangerous Dinosaurs</b></p> <ul style="list-style-type: none"> <li>• Understand and use mechanical systems in their products (<i>design, make evaluate a monster with moving parts</i>)</li> <li>• Apply understanding of computing to program, monitor and control their products e.g. beebots and on screen turtles</li> </ul>	<p style="text-align: center;"><b>Anglo Saxons and the Scots</b></p> <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>• select from and use a wider range of tools to perform practical tasks (e.g. cutting, joining, finishing),</li> <li>• select from and use a wider range of materials and textiles according to their functional properties and aesthetic qualities (e.g. cutting, joining, finishing) - <i>jewellery</i></li> </ul>

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