



## Lower Key Stage 2 Design Technology Curriculum Map

	Project 1	Project 2	Project 3	Project 4
<b>Design</b> I can prove that my design meets some set criteria. I can design a product and make sure that it looks attractive. I can choose materials for both its suitability and its appearance. I can use ideas from other people when I am designing.				
<b>Make</b> I can produce and follow a step-by-step plan, choosing the right equipment and materials. I can select the most appropriate tools and techniques for a given task, and use them accurately.				
<b>Evaluate</b> I can evaluate and suggest improvements for my designs. I can evaluate products for both their purpose and appearance. I can explain how I can improve my original design. I am beginning to understand how key events and individuals in Design Technology have helped shape the world.				
<b>Technical Knowledge</b> I can make a product which uses mechanical components, such as: levers, linkages, gears and pulleys. I can apply my understanding of how to strengthen, stiffen and reinforce more complex structures.				
<b>Food and Nutrition</b> I can understand and apply the principles of a healthy and varied diet. I can prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. I can understand seasonality, and know where and how a variety of ingredients are grown, reared and caught.				



## Upper Key Stage 2

### Design Technology Curriculum Map

	Project 1	Project 2	Project 3	Project 4
<b>Design</b> I can come up with a range of ideas after collecting information from different sources. I can use market research to inform my plans and ideas.				
<b>Make</b> I can produce and follow a step-by-step plan, choosing the right equipment and materials. I can select the most appropriate tools and techniques for a given task, and use them accurately. I can justify my plans, refining where appropriate.				
<b>Evaluate</b> I can test and evaluate my product against clear criteria. I can evaluate and suggest improvements for my designs through careful refinement. I can evaluate products for both their purpose and appearance. I can suggest alternative plans, outlining the positive features and drawbacks. I can understand how key events and individuals in Design Technology have helped shape the world.				
<b>Technical Knowledge</b> I can make a product which uses both electrical and mechanical components, such as: levers, linkages, gears and pulleys/ series circuits incorporating switches, bulbs, buzzers and motors. I can apply my understanding of computing to program, monitor and control my products.				
<b>Food and Nutrition</b> I can understand and apply the principles of a healthy and varied diet. I can prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. I can understand seasonality, and know where and how a variety of ingredients are grown, reared and caught.				