



## Curriculum Map for DT

|   | Autumn Term  |   | Spring Term  |   | Summer Term   |  |
|---|--|---|--|---|---|--|
| <b><u>Cycle A</u></b><br><br>Year 1 and 2 | <b><u>Structures</u></b><br><br>Freestanding structures using new and reclaimed materials (cardboard boxes, card, straws, cotton reels etc...)<br><br><b>Project: Furniture for the 3 bears or a bridge for the Billy Goats Gruff etc...</b> |   | <b><u>Mechanisms</u></b><br><br>Sliders / levers<br><br><b>Project: Making a storybook</b> |   | <b><u>Food Technology</u></b><br><br>Understand where food comes from.<br><br><b>Project: Fruit Smoothies</b> |  |
| <b><u>Cycle B</u></b><br><br>Year 1 and 2 |  | <b><u>Textiles</u></b><br><br>Templates and joining techniques<br><br><b>Project: Puppets</b> |  | <b><u>Food Technology</u></b><br><br>Use the basic principles of a healthy and varied diet to prepare dishes.<br><br><b>Project: Salads</b> |   | <b><u>Mechanisms</u></b><br><br>Wheels & axles vehicle<br><br><b>Project: Push / Pull toys</b> |



**Cycle A**  
**Year 3 and 4**

|   | Autumn Term  |  | Spring Term   |   | Summer Term   |  |
|---|--|--|---|---|---|--|
|   | <p><b>Food Technology</b><br/>Healthy and varied diet<br/>Dips and dippers<br/>Sandwiches / Pittas</p> <p><b>Project: Healthy lunch boxes for school children</b></p> <p><b>Key designers:</b><br/>Jamie Oliver<br/>John Montagu<br/>Sir James Dewar</p> |  |   | <p><b>Textiles</b><br/>2-D shape to 3D product<br/>To use a running stitch and backstitch.</p> <p><b>Project: Purse / wallet or bag</b></p> <p><b>Key designers:</b><br/>Coco Chanel<br/>Charles Mackintosh</p> | <p><b>Structures</b><br/>Shell structures using computer aided design (CAD)</p> <p><b>Project: Gift boxes / Packaging (Valentines Day / Mother's Day)</b></p> <p><b>Key designers:</b><br/>Jorn Utzon<br/>Maria Beasley<br/>Richard Cadbury</p> |  |
| <p><b>Cycle B</b><br/><b>Year 3 and 4</b></p> |  | <p><b>Food Technology</b><br/>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p><b>Project: Seasonal soups</b></p> <p><b>Key designers:</b><br/>Heston Blumenthal<br/>Henry J Heinz<br/>Madhur Jaffrey</p> | <p><b>Mechanisms</b><br/>Pneumatic systems</p> <p><b>Project: Moving creatures / toys (Jack in the box)</b></p> <p><b>Key designers:</b><br/>John Boyd Dunlop<br/>Otto Von Guericke<br/>George Westinghouse</p> |   | <p><b>Electrical Systems</b><br/>Simple circuits and switches</p> <p><b>Project: Siren / noise for a bridge</b></p> <p><b>Key designers:</b><br/>Isambard Kingdom Brunel<br/>John Robison<br/>Emily Roebling</p>                                |  |



**Cycle A**  
**Year 5 and 6**

|   | Autumn Term  |  | Spring Term |  | Summer Term |   |
|---|--|--|-------------|--|-------------|---|
|   | <p><b><u>Food Technology</u></b><br/>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p><b>Project:</b><br/><b>Adaptations of Moussaka dish</b></p> <p><b><u>Key designers:</u></b><br/>Nikolaos Tselementes<br/>Ken Hom<br/>Chloe Coscarelli</p> |  |             | <p><b><u>Textiles</u></b><br/>Computer aided design in textiles. To use the invisible stitch and the overcast stitch (slipstitch).</p> <p><b>Project: Adapting a simple t-shirt – Linked to WW2 and how the women were given men’s uniforms.</b></p> <p><b><u>Key designers:</u></b><br/>Alexander McQueen<br/>Elspeth Chapcmmunal</p> |             | <p><b><u>Structures</u></b><br/>Frame structures</p> <p><b>Project: Structure (like a bus stop / playground equipment) adapted to withstand an earthquake.</b></p> <p><b><u>Key designers:</u></b><br/>Stephen Sauvestre<br/>Adrian Smith</p> |
| <p><b>Cycle B</b><br/><b>Year 5 and 6</b></p> |  | <p><b><u>Mechanical systems</u></b><br/>Cams</p> <p><b>Project: A toy with oscillating, rotating or reciprocating movement</b></p> <p><b><u>Key designers:</u></b><br/>AJ Jasari<br/>Helen Blanchard</p> |             | <p><b><u>Food Technology</u></b><br/>Celebrating culture and seasonality</p> <p><b>Project: Bread</b></p> <p><b><u>Key designers:</u></b><br/>Henry Jones<br/>Thomas and Ellen Warburton<br/>Thomasina Miers</p>   |             | <p><b><u>Electrical systems</u></b><br/>Complex switches and circuits</p> <p><b>Project: Animal houses – Automatic lights</b></p> <p><b><u>Key designers:</u></b><br/>Garett Morgan<br/>Alessandro Volta<br/>Willoughby Smith</p>             |

