

| Year Group  | Autumn 1 | Autumn 2   | Spring 1 | Spring 2   | Summer 1 | Summer 2   |
|---|----------|--|----------|--|----------|--|
| Nursery   |          | <b>Structures</b><br>Junk Modelling and<br>Rockets                                     |          | <b>Mechanisms</b><br>Finger/Stick puppets  |          | <b>Textiles</b><br>Weaving   |
| Cooking and nutrition <ul style="list-style-type: none"> <li>• Talk about their favourite foods and what they eat at different mealtimes and on different occasions.</li> <li>• Discuss what the word healthy means.</li> </ul>   |          |  |          |  |          |  |
| Reception   |          | <b>Mechanisms</b><br>Open and closes<br>mechanism                                      |          | <b>Structures</b><br>Junk Modelling  |          | <b>Textiles</b><br>Book Marks  |
| Cooking and nutrition <ul style="list-style-type: none"> <li>• Talk about their favourite foods and what they eat at different meal times and on different occasions.</li> <li>• Understand the difference between fruits and vegetables.</li> <li>• Chopping fruits and vegetables safely to make a smoothie.</li> <li>• Learning where and how fruits and vegetables grow.</li> </ul>                           |          |  |          |  |          |  |
| Year 1  |          | <b>Textiles</b><br>Make a hand puppet<br><br>Jim Henson & the<br>innovation of puppets |          | <b>Structures</b><br>Construct a windmill<br><br>Antoni Gaudi & his<br>incredible structures           |          | <b>Mechanisms</b><br>Make a moving story<br>book.<br>Stan Lee- American<br>comic book writer |
| Cooking and Nutrition- Fruit and Vegetables <ul style="list-style-type: none"> <li>• Handle and explore fruits and vegetables, including looking at what was their starting point as a source of food.</li> <li>• Learn how to identify which category they fall into.</li> <li>• Undertaking taste testing to establish chosen ingredients for a smoothie they will make, with accompanying packaging</li> </ul> |          |  |          |  |          |  |
| Year 2  |          | <b>Structures</b><br>Baby Bears chair<br><br>Frank Lloyd Wright                        |          | <b>Mechanisms</b><br>Making a moving<br>monster<br>Richard Arkwright &<br>The Industrial<br>Revolution |          | <b>Textiles</b><br>Pouches<br><br>Carolyn Davidson and<br>the invention of Nike              |
| Cooking and Nutrition - A balanced diet <ul style="list-style-type: none"> <li>• Explore and learn what forms a balanced diet</li> <li>• Pupils will taste test ingredient combinations from different food groups.</li> <li>• Pupils will identify how foods from different food groups have been caught, reared and processed.</li> </ul>   |          |  |          |  |          |  |

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| Year 3   |  | <p><b>Mechanical systems</b><br/>Pneumatic toys</p> <p>George Stephenson &amp; the first steam engine</p>   |  | <p><b>Textiles</b><br/>Cross Stitch/Applique &amp; Fastenings<br/>Lucienne Day &amp; her influence on textile patterns</p> |  | <p><b>Structures</b><br/>Pavilions</p> <p>Norman Foster</p>   |
| <p>Cooking and Nutrition- Eating Seasonally</p> <ul style="list-style-type: none"> <li>· Pupils discover when and where fruits and vegetables are grown.</li> <li>· Learn about seasonality in the UK.</li> <li>· They look at the relationship between the colour of fruits and vegetables and their health benefits by making three dishes</li> </ul>  |  |   |  |  |  |   |
| Year 4   |  | <p>Digital World: Mindful Moments Timer &amp; Poster<br/>Steve Jobs and Apple</p>                           |  | <p>Electrical Systems: Torches<br/>Thomas Edison &amp; the incandescent light bulb</p>                                     |  | <p><b>Mechanical Systems-</b><br/>Making a Slingshot Car<br/>Karl Benz and the inventor of cars</p>         |
| <p>Cooking &amp; Nutrition-Adapting a Recipe</p> <ul style="list-style-type: none"> <li>· Work in groups to adapt a simple biscuit recipe.</li> <li>· Create the tastiest biscuit ensuring that their creation comes within the given budget of overheads and costs of ingredients.</li> </ul>   |  |   |  |  |  |   |
| Year 5   |  | <p><b>Textiles</b><br/>Stuffed toys<br/>Margarete and Richard Steiff and the invention of stuffed toys.</p> |  | <p><b>Mechanical Systems</b><br/>Pop Up Book<br/>Garrett Morgan &amp; the blue print for WWI gas masks</p>                 |  | <p><b>Structures</b><br/>Bridges<br/>Isambard Kingdom Brunel/Santiago Calatrava &amp; civil engineering</p> |
| <p>Cooking &amp; Nutrition-What Could be Healthier-</p> <ul style="list-style-type: none"> <li>· Research and modify a traditional Bolognese sauce recipe to make it healthier.</li> <li>· Cook improved versions, creating appropriate packaging</li> <li>· Learn about where the ingredients came from through identification of the source and how it progressed to the raw ingredients used</li> </ul> |  |   |  |  |  |   |
| Year 6   |  | <p>Mechanical Systems- Automata Toys<br/>Leonardo Da Vinci &amp; his robot/clock automaton designs</p>      |  | <p>Digital World- Navigating the World<br/>Bradford Parkinson and the invention of GPS</p>                                 |  | <p>Electrical systems- Steady Hand Games<br/>Edith Clarke the world's first woman electrical engineer</p>   |
| <p>Cooking &amp; Nutrition-Come Dine with Me</p> <ul style="list-style-type: none"> <li>· Research and prepare a three-course meal.</li> <li>· Taste-test and score their food.</li> </ul>   |  |   |  |  |  |   |