

# Design and Technology Coverage Map

| Cycle 1  | Term 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Term 2                                         | Term 3                                            | Term 4              | Term 5                               | Term 6                                     |
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| FS2      | <p>The development of children's artistic and cultural awareness supports their imagination and creativity. It is important that children have regular opportunities to engage with the arts, enabling them to explore and play with a wide range of media and materials. The quality and variety of what children see, hear and participate in is crucial for developing their understanding, self-expression, vocabulary and ability to communicate through the arts. The frequency, repetition and depth of their experiences are fundamental to their progress in interpreting and appreciating what they hear, respond to and observe.</p> <p>Children in reception will be learning to:</p> <ul style="list-style-type: none"> <li>- Explore, use, and refine a variety of artistic effects to express their ideas and feelings.</li> <li>- Return to and build on their previous learning, refining ideas and developing their ability to represent them.</li> </ul> <p>Create collaboratively, sharing ideas, resources and skills</p> |                                                |                                                   |                     |                                      |                                            |
| Year 1/2 | Make a space buggy using mechanisms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |                                                   | Make a memory pouch |                                      | Cooking and nutrition – make a fruit salad |
| Year 3/4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Healthy Bonfire Snacks (Pumpkin soup)          | Egyptian building equipment (Shaduf) using levers |                     |                                      | Electric poster                            |
| Year 4/5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Design a menu                                  | Cook a healthy savoury meal for a Roman           |                     | Making a bridge (levers and pulleys) |                                            |
| Year 6   | Make a lighthouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Field to Fork – Design and cook a healthy meal |                                                   |                     |                                      | Ancient Greek automata toys                |

| Cycle 2 | Term 1                                                                                                                                                                                                                                                                                        | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|
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| Year 1/2 | To design, make and evaluate models of castles, towers, bridges or tunnels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                             | Making puppets of the Great Fire of London characters |                                   | Cooking a balanced diet – making a wrap |
| Year 3/4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Making a stocking                              |                             | Making an electronic charm                            |                                   | Making a pneumatic toy                  |
| Year 4/5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Making stuffed toys                            | Doodler - Electrical system |                                                       | mechanisms – making a pop-up book |                                         |
| Year 6   | Make a lighthouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Field to Fork – Design and cook a healthy meal |                             |                                                       |                                   | Ancient Greek automata toys             |