

## Design and Technology Schedule

2020-2021

| <b><i>Week Commencing</i></b>  | <b><i>Activity:</i></b>                                    |
|--|--|
| 31.08.20<br><b><u>All children</u></b><br><b><u>40 minutes</u></b>   | Measuring skills- using centimetres and millimetres        |
| 07.09.20<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Folding skills- origami                                    |
| 14.09.20<br><b><u>All children</u></b><br><b><u>45 minutes</u></b>   | Single-perspective drawing                                 |
| 21.09.20<br><b><u>Year 1 and 2 – Small World Habitats</u></b><br>Year 3 and Year 4 –<br>Electronic Toys<br><b><u>Year 5 and 6 – Chopping Down a Tree</u></b><br><br><b><u>45 minutes</u></b> | Thinking Skill- choosing equipment for different scenarios |
| 28.09.20 - 30.09.20  | Food Technology project                                    |

|  |   |
|--|---|
| <b><u>All children</u></b><br><b><u>40 minutes</u></b>   | Thinking Skill-<br>comparison and<br>evaluation         |
| 05.10.20<br><b><u>All children</u></b><br><b><u>60 minutes</u></b>   | Two-point perspective<br>drawing                        |
| 12.10.20<br><b><u>All children</u></b><br><b><u>40 minutes</u></b>   | Food technology-<br>health and hygiene-<br>temperatures |
| <b>19.10.20 – 30.10.20</b>   | <b>October Half Term</b>                                |
| 02.11.20<br><b><u>All children</u></b><br><b><u>40 minutes</u></b>   | Materials- Polymers                                     |
| 09.11.20<br><b><u>Year 1 and 2 – Healthy<br/>Eating</u></b><br>Year 3 and 4 – Energy<br><b><u>Year 5 and 6 –<br/>Nutrients and Fibre</u></b><br><br><b><u>30 minutes</u></b> | Food Technology-<br>Healthy Eating                      |
| 16.11.20<br><b><u>Year 1 and 2 – Glues</u></b>   | Joining skills  |

|  |  |
|--|--|
| <p>Year 3 and 4 –<br/>Permanent and<br/>Temporary Joins<br/><b><u>Year 5 and 6 – Sewing</u></b></p> <p><b><u>45 minutes</u></b></p>  |  |
| <p>23.11.20<br/><b><u>Year 1 and 2 – Locally<br/>produced foods</u></b><br/>Year 3 and 4 –<br/>Geographical impact on<br/>foods<br/><b><u>Year 5 and 6 – Food<br/>processing</u></b></p> <p><b><u>30 minutes</u></b></p> | <p>Food Technology-<br/>growth and produce</p> |
| <p>30.11.20<br/><b><u>All children</u></b><br/><b><u>60 minutes</u></b></p>  | <p>2D and 3D sketching</p>                     |
| <p>07.12.20 – 11.12.20</p>   | <p>Design Technology<br/>week</p>              |
| <p>07.12.20<br/><b><u>All children</u></b><br/><b><u>30 minutes</u></b></p>  | <p>Evaluating</p>                              |

|  |                                     |
|--|-------------------------------------|
| 21.12.20 – 01.01.21  | Christmas Holidays                  |
| 04.01.21<br><b><u>All children</u></b><br><b><u>60 minutes</u></b>   | Third Angle Drawing                 |
| 11.01.21 – 13.01.21  | Textiles project                    |
| 11.01.21<br><b><u>All children</u></b><br><b><u>Designing- 30 minutes</u></b><br><b><u>Creating- 60 minutes</u></b>  | Designing and adapting a product    |
| 18.01.21<br><b><u>All children</u></b><br><b><u>Designing- 30 minutes</u></b><br><b><u>Creating- 60 minutes</u></b>  | Creating egg parachutes             |
| 25.01.21<br>Year 1 and 2 – Paper and Board<br>Year 3 and 4 – Fabric<br>Year 5 and 6 – Sawing<br><br><b><u>All children</u></b><br><b><u>60 minutes</u></b> | Cutting Skills                      |
| 01.02.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Thinking Skill-<br>Evaluating sofas |

|  |  |
|--|--|
| 08.02.21 – 10.02.21  | Food Technology project                            |
| 08.02.21<br>All children<br><b><u>Planning- 30 minutes</u></b><br><b><u>Creating- 30 minutes</u></b>   | Plan for manufacturing-<br>creating a sandwich     |
| 15.02.21 – 19.02.21  | February Half Term                                 |
| 22.02.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Thinking Skill<br>Evaluating different<br>bicycles |
| 01.03.21<br><b><u>All children</u></b><br><b><u>45 minutes</u></b>   | Nets   |
| 08.03.21<br><b><u>Y1 and Y2- Cutting and peeling</u></b><br>Y3 and Y4 Mixing and spreading<br><b><u>Y5 and Y6- Kneading and baking</u></b><br><br><b><u>40 minutes</u></b> | Food Technology skills                             |
| 15.03.21 – 17.03.21  | Metalwork project                                  |

|  |  |
|--|--|
| 15.03.21<br><b><u>All children</u></b><br><b><u>45 minutes</u></b>   | Disassembling products and sketching components          |
| 22.03.21<br><b><u>All children</u></b><br><b><u>40 minutes</u></b>   | Reducing waste-creating tessellation patterns            |
| 29.03.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Isometric drawings                                       |
| 02.04.21 – 16.04.21  | Easter Holidays  |
| 19.04.21<br><b><u>All children</u></b><br><b><u>Researching- 30 minutes</u></b><br><b><u>Designing- 30 minutes</u></b> | Designing and researching- a birthday menu for the Queen |
| 26.04.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | User-centred designs                                     |
| 03.05.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Food Technology- Health and Safety in Manufacturing      |
| 10.05.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b>   | Plan for manufacturing- chilli challenge                 |
| 17.05.21 – 19.05.21  | Woodwork project   |

|  |   |
|--|---|
| 17.05.21<br><u><b>Year 1 and 2 – Bar Charts</b></u><br>Year 3 and 4 – Line Graphs<br><u><b>Year 5 and 6 – Pie Charts</b></u><br><br><u><b>45 minutes</b></u> | Presenting data                                       |
| <b>31.05.21 – 04.06.21</b>   | <b>May Half Term</b>                                  |
| 07.06.21<br><u><b>All children</b></u><br><u><b>30 minutes</b></u>   | Joining skills- different ways to join                |
| 14.06.21<br><u><b>All children</b></u><br><u><b>30 minutes</b></u>   | Food Technology skills- identifying potential hazards |
| <b>21.06.21 – 23.06.21</b>   | <b>Food Technology project</b>                        |
| 21.06.21<br><u><b>All children</b></u><br><u><b>30 minutes</b></u>   | Mass production and the use of robots                 |
| 28.06.21<br><u><b>All children</b></u><br><u><b>30 minutes</b></u>   | Thinking Skills                                       |
| 05.07.21   | Target markets  |

|  |                        |
|--|------------------------|
| <b><u>All children</u></b><br><b><u>30 minutes</u></b>             |                        |
| 12.07.21 – 16.07.21  | Design Technology week |
| 19.07.21<br><b><u>All children</u></b><br><b><u>30 minutes</u></b> | Evaluation skills      |