



# Stebbing Primary School

## Design and Technology Curriculum Overview



|        | Autumn                                                                                                                                                                   |   | Spring                                                                                                                                                                                            |   | Summer                                                                                                                                                              |   |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|        | 1                                                                                                                                                                        | 2 | 1                                                                                                                                                                                                 | 2 | 1                                                                                                                                                                   | 2 |
| Year 1 | Textiles: Hand puppets - <b>Oversized Running Stitch/ adhesives and non-sewing temporary fixings</b><br><br><i>(Christmas)</i>                                           |   | Mechanisms or Structures: Moving Pictures (Sliding Mechanism)                                                                                                                                     |   | Food & Nutrition: <b>Healthy Picnic</b> - Juicing, peeling (no blade), introductory Bridge Cut                                                                      |   |
| Year 2 | Textiles: Hanging Decorations - Running Stitch<br><br><i>(Christmas)</i>                                                                                                 |   | Food & Nutrition: <b>Pudding Lane bakery biscuits</b> - Measuring, rolling, cutting shapes, introducing oven safety                                                                               |   | Mechanisms or Structures: Vehicles (Axels, wheels and chassis) -<br><i>(Maths - length and measure)</i>                                                             |   |
| Year 3 | Textiles: Stockings - <b>Neat Running Stitch &amp; Decorative Cross-Stitch</b><br><br><i>(Christmas)</i>                                                                 |   | Food & Nutrition: <b>Afternoon tea: Scones</b> - Rubbing-in technique, claw grip, safe use of small appliances                                                                                    |   | Mechanisms or Structures: Photo Frames (Strengthening Structures)                                                                                                   |   |
| Year 4 | Textiles: Sewing pictures - <b>Backstitch and Sewing Buttons</b><br><br><i>(History/Maths)</i>                                                                           |   | Spring 1: Mechanisms or Structures: <b>Moving picture books and linkages</b><br><br>Spring 2: Food & Nutrition: <b>Chocolate Bars</b> - Melting/temperature management, grating, flavor profiling |   |                                                                                                                                                                     |   |
| Year 5 | Textiles: Reusable bag - <b>Overcast/ Whip Stitch and Applique</b><br><br><a href="#">Top 10 Basic Stitches in Hand Embroidery   Tutorial for...</a><br><i>(English)</i> |   | Food & Nutrition: <b>Pizza</b> - Yeast dough activation, kneading, claw/bridge precision cutting, heat sources                                                                                    |   | Mechanisms or Structures: Moving Toys for a monarch (Cam Mechanisms)<br><i>(History)</i>                                                                            |   |
| Year 6 | Food & Nutrition: <b>Gingerbread houses</b> - Precision measuring/cutting, structure engineering, hot sugar/structural binding                                           |   | Mechanisms or Structures: <b>Torches</b> (Electrical systems)<br><i>(Science)</i>                                                                                                                 |   | Textiles: <b>Pencil cases</b><br><br><b>Blanket Stitch and Complex Assembly</b><br><br><a href="#">Top 10 Basic Stitches in Hand Embroidery   Tutorial for B...</a> |   |

