



## Cycle B – 2023/2024

Year group	Project 1 Food Technology	Project 2 Structures
EYFS	Preparing foods by <b>spreading and chopping</b> . Exploring the sensory properties of food.	<b>Exploring how to join</b> using glue, tape and string. Exploring how to make structures using junk modelling, duplo, lego and other building materials.
1 & 2	Preparing foods by <b>peeling, cutting and grating</b> . Measuring and weighing using non-statutory measures.  <i>9 hours</i>	<b>Freestanding structures.</b> Exploring how to join materials using glue, tape and glue guns (with supervision). Making structures stronger, stuffer and more stable.  <i>9 hours</i>
3 & 4	Preparing foods by <b>slicing, mixing and baking</b> . Measuring and weighing using scales. Cooking using a heat source.  <i>9 hours</i>	<b>Frame structures.</b> Measuring, marking and cutting with accuracy.  <i>9 hours</i>
5 & 6	Preparing foods by <b>kneading</b> . Measuring and weighing using scales. Adapting and changing recipes by adding or substituting ingredients. Cooking using a heat source.  <i>9 hours</i>	<b>Complex structures.</b> Measuring, marking and cutting with increasing accuracy. Using a range of tools safely.  <i>9 hours</i>



## Cycle A – 2024/2025

Year group	Project 1 Textiles	Project 2 Mechanisms / Mechanical and Electrical Systems and ICT
EYFS	<b>Exploring how to cut and join fabrics.</b> Exploring how to decorate fabric.	<b>Pulley</b> Exploring how to join materials using glue, and tape. Exploring how pulleys work.
1 & 2	<b>Creating a decorated product.</b> Decorating fabrics using buttons, sequins, ribbon and beads. Join fabrics using glue, tape, staples and simple stitches.  <i>9 hours</i>	<b>Slider and/or Lever</b> Joining materials using glue, tape, glue gun (with supervision) and hole punches and string/tags.  <i>9 hours</i>
3 & 4	<b>Creating a product which includes a button and loop.</b> Strengthen and stiffen fabrics, explore fastenings and join fabrics using stitching  <i>9 hours</i>	<b>Electrical system.</b> Using ICT to control switches and bulbs. Using ICT to create a net and assembling the net using appropriate techniques.  <i>9 hours</i>
5 & 6	<b>Creating a 3D product.</b> Creating a 3D product. Decorating and joining fabrics using sewing techniques.  <i>9 hours</i>	<b>Electrical system.</b> Using ICT to programme, monitor and control bulbs and motion sensors. Using ICT to create a net and assembling the net using appropriate techniques.  <i>9 hours</i>