



Year Group	Autumn Term Cooking & Nutrition	Spring Term Textiles	Summer Term Structures & mechanisms
EYFS	<p><b>Sliding Santa chimneys (Structures &amp; Mechanisms)</b></p> <p>Children explore a simple paper slider mechanism as part of a practical example and then apply it to create their own sliding Santa chimney picture</p> <p><b>Equipment:</b> scissors, hole puncher</p>	<p><b>Hanging Egg Decoration</b></p> <p>After listening to the Easter story, and learning about the history of Easter eggs, pupils design and make their own Easter egg hanging decorations</p> <p><b>Equipment:</b> scissors, hole puncher</p>	<p><b>Design a rainbow salad (Cooking &amp; Nutrition)</b></p> <p>Pupils refresh their knowledge of fruits and vegetables and explore what it means to have a healthy balanced diet. They design their own rainbow salad combination</p> <p><b>Equipment:</b> fruit/breakfast knives</p>
Year 1	<p><b>Fruit and Vegetables</b></p> <p>Learn to distinguish between fruit and vegetables and where they grow. Design a fruit and vegetable smoothie and accompanying packaging</p> <p><b>Equipment:</b> blenders, fruit/breakfast knives, cutlery</p>	<p><b>Puppets</b></p> <p>Explore methods of joining fabric. Design and make a character-based hand puppet using a preferred joining technique, before decorating</p> <p><b>Equipment:</b> fabric glue, safety pins, fabric scissors, stapler</p>	<p><b>Wheels and axles</b></p> <p>Learn about the key parts of a wheeled vehicle, to develop an understanding of how wheels, axles and axle holders work. Design and make a moving vehicle.</p> <p><b>Equipment:</b> scissors</p>
Year 2	<p><b>A Balanced Diet</b></p> <p>Learn about the food groups (carbohydrates, proteins, fruits and vegetables, dairy, oils and spreads) to understand a balanced diet to develop a healthy wrap.</p> <p><b>Equipment:</b> fruit/breakfast knives, cocktail sticks, cutlery</p>	<p><b>Pouches</b></p> <p>Learn how to sew a running stitch ready to design, make and decorate a pouch using a template.</p> <p><b>Equipment:</b> scissors. Sewing needles, fabric scissors</p>	<p><b>Baby Bear's Chair</b></p> <p>Explore stability and methods to strengthen structures, to understand Baby Bear's chair weaknesses and develop an improved solution for him to use.</p> <p><b>Equipment:</b> scissors</p>
Year 3	<p><b>Eating Seasonally</b></p> <p>Learn about various fruits and vegetables, and when, where and why they are grown in different seasons. Discover the relationship between colour and health benefits.</p> <p><b>Equipment:</b> fruit/breakfast knives, skewers, peelers, oven, cutlery</p>	<p><b>Cushions</b></p> <p>Learn and apply two new sewing techniques – cross-stitch and appliqué. Utilise these new skills to design and make a cushion.</p> <p><b>Equipment:</b> sewing needles, fabric pins, fabric scissors</p>	<p><b>Pneumatic Toys</b></p> <p>Explore pneumatic systems, then apply this understanding to design and make a pneumatic toy including thumbnail sketches and exploded diagrams.</p> <p><b>Equipment:</b> scissors, glue guns</p>
Year 4	<p><b>Adapting a Recipe</b></p> <p>Work in groups to adapt an existing biscuit recipe, whilst taking into account the cost of the ingredients and other expenses against a set budget</p> <p><b>Equipment:</b> oven, butter knives, cutlery</p>	<p><b>Fastenings</b></p> <p>Analyse and evaluate a range of existing fastenings, then devise a list of design criteria to design, generate templates and make a fabric book sleeve.</p> <p><b>Equipment:</b> sewing needles, fabric pins, fabric scissors</p>	<p><b>Pavilions</b></p> <p>Investigate and model frame structures to improve their stability, then apply this research to design and create a stable, decorated pavilion.</p> <p><b>Equipment:</b> glue guns, scissors</p>
Year 5	<p><b>What Could Be Healthier?</b></p> <p>Discover the farm to fork process, understand the key welfare issues for rearing cattle. Compare the nutritional value of existing sauces and develop a healthier recipe.</p> <p><b>Equipment:</b> fruit/breakfast knives, oven, hob, saucepans, peelers, graters, cutlery</p>	<p><b>Stuffed Toys</b></p> <p>Design a stuffed toy and make decisions on materials, decorations and attachments (appendages), after learning how to sew a blanket stitch.</p> <p><b>Equipment:</b> sewing needles, fabric pins, fabric scissors, fabric glue</p>	<p><b>Pop-Up Book</b></p> <p>Create a functional four-page pop-up storybook design, using lever, sliders, layers and spacers to create paper-based mechanisms.</p> <p><b>Equipment:</b> hole puncher, scissors</p>
Year 6	<p><b>Come Dine With Me</b></p> <p>Develop a three-course menu focused on three key ingredients, as part of a paired challenge to develop the best class recipes. Explore each key ingredient's farm to fork process.</p> <p><b>Equipment:</b> fruit/breakfast knives, oven, hob, saucepans, frying pans, peelers, graters, garlic crushers, cutlery</p>	<p><b>Waistcoats</b></p> <p>Using a combination of textiles skills such as attaching fastenings, appliqué and decorative stitches, design, assemble and decorate a waistcoat for a chosen purpose</p> <p><b>Equipment:</b> sewing needles, fabric pins, fabric scissors, fabric glue, craft knives</p>	<p><b>Playgrounds</b></p> <p>Research existing playground equipment and their different forms, before designing and developing a range of apparatus to meet a list of specified design criteria.</p> <p><b>Equipment:</b> glue guns, scissors, cutting knives/mats, saws, bench hooks, vices, mitre blocks, G-clamps</p>