

DT - Progression of Skills

	FS	Year 1/2	Year 3/4	Year 5/6
<u>Cooking and nutrition</u>	<p>Practise good hygiene</p> <p>Describing foods</p> <p>Expressing opinions about foods</p> <p>Identifying healthy and unhealthy foods</p> <p>With support, follow simple cooking instructions</p> <p>Using cooking equipment safely</p>	<p><u>Baking and decorating biscuits</u></p> <p>Understand the importance of hygiene</p> <p>Explore the look, taste and smell of foods</p> <p>Basic understand where food comes from</p> <p>Thinking of interesting ways to decorate</p> <p>Measure ingredients with support</p> <p>Roll, use a cutter, whisk, stir, sieve</p> <p>Understanding the rule of moderation</p> <p><u>Preparing salads</u></p> <p>Understand the importance of hygiene</p> <p>Explore the look, taste and smell of foods</p> <p>Basic understand where food comes from</p> <p>Identify and discuss healthy foods</p> <p>Cut, peel with a peeler and grate safely</p>	<p><u>Soup</u></p> <p>Explain the importance of food hygiene and safety</p> <p>Begin to look at seasonality</p> <p>Discuss the properties of ingredients</p> <p>Control heat on a hob or oven</p> <p>Follow a recipe</p> <p>Measuring accurately, cut, peel, bridge and claw techniques to cut food into halves or quarters, slice</p> <p>Use a blender</p> <p><u>Scones and sandwiches</u></p> <p>Growing food to eat (cress, herbs, vegetables, fruit)</p> <p>Follow a recipe</p> <p>Measure accurately, spread, slice, assemble, grate</p> <p>Discuss the properties of ingredients</p>	<p><u>Pies</u></p> <p>Explain the importance of food hygiene and safety</p> <p>Seasonality, grown, reared, processed</p> <p>Measure accurately, slice, cut using claw and bridge technique, cube, mince, peel, mix and blend, score pastry</p> <p>Create recipes based on market research</p> <p><u>Pizzas and breads</u></p> <p>Explore microorganisms in cookery</p> <p>Importance of appropriate storage of savoury dishes</p> <p>Scaling up and down for recipes</p> <p>Measuring accurately - ml, g, tbsps., tsp.</p> <p>Select ingredients that appeal to a wide range of tastes</p> <p>Knead, grate, slice</p> <p>Prepare and serve a balanced meal</p>
<u>Structure</u>	<p>Explore different materials to construct</p> <p>Evaluate and suggest ways to improve their structures</p> <p>Use tools safely</p> <p>Mould and shape dough</p>	<p><u>Photo frames</u></p> <p>Use tools to safely cut and join</p> <p>Assemble pieces together</p> <p>Measure and mark to the nearest cm</p> <p>Create a freestanding structure by widening the base or folding or combining materials to strengthen</p>	<p><u>Packaging</u></p> <p>Create a shell structure</p> <p>Use a craft knife safely and accurately</p> <p>Use CAD programmes to enhance designs</p> <p>Score card and fold</p> <p>Select appropriate joining techniques</p> <p>Strengthen materials using suitable techniques</p>	<p><u>Buildings</u></p> <p>Measure and mark to the nearest mm</p> <p>Cut with precision, paying attention to final look (sanding after cutting wood/ more precision when cutting out roughly with scissors first)</p> <p>Create a frame applying strengthening techniques</p> <p>Study different joining techniques and select an appropriate one for final product</p>
<u>Textiles</u>	<p>Explore threading</p>	<p><u>Hand puppets</u></p> <p>Shape textiles using a template</p> <p>Cut out the textile with fabric scissors</p> <p>Join using running stitch</p> <p>Add decoration through adding sequins, buttons, wool etc.</p>	<p><u>Christmas stockings</u></p> <p>Draw design on textile</p> <p>Join using blanket stitch and running stitch</p> <p>Add applique details and decorations</p> <p>Consider how the user will hang the textile</p> <p>Use smaller eyed needles and finer threads</p>	<p><u>Waistcoats</u></p> <p>Create something that requires a seam</p> <p>Join and decorate using a range of stitches</p> <p>Use a sewing machine</p> <p>Add fastenings – buttons</p> <p>Colour fabrics through tie die, batik or paint</p>
<u>Electronics</u>			<p><u>Light up houses</u></p> <p>Create a circuit using a bulb and switch</p> <p>Attach a circuit to a structure</p> <p>Understand the properties of materials – conductors and insulators</p> <p>Use tools safely – wire strippers, scissors, craft knives, bench hooks and glue guns</p>	<p><u>Moon buggies</u></p> <p>Create a circuit using a motor and a handmade switch</p> <p>Understand properties of materials – conductors/insulators</p> <p>Use wire strippers, scissors, craft knives, bench hooks, glue guns safely and with precision</p> <p>Use scientific knowledge of the transference of forces (such as winding mechanisms, pulleys and gears)</p>
<u>Mechanics</u>	<p>Explore moving toys and books</p>	<p><u>Moving parts on a picture or book</u></p> <p>Explore mechanisms such as levers/ sliders</p> <p>Use scissors and rulers accurately</p> <p><u>London Buses</u></p> <p>Create a moving product with axles/ wheels</p> <p>Use tools safely – hack saw, glue gun, scissors</p>	<p><u>Roman catapults</u></p> <p>Measure and mark to the nearest mm</p> <p>Cut safely with scissors, hack saw, craft knife</p> <p>Use scientific knowledge of transference of forces to create a lever</p> <p>Construct a jinx frame using jinx corners to reinforce</p>	<p><u>Moving toys</u></p> <p>Convert rotary motion to linear using cams</p> <p>Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product (such as winding mechanisms, pulleys and gears)</p>