

Year 1
Design and Technology Scheme of Work

	Autumn	Spring	Summer
Design and Technology projects through which the skills are taught.	<p>Design, make and evaluate a junk model monster.</p> <p>Design and make a moving figure with joints.</p>	<p>Design, make and evaluate a finger puppet.</p> <p>Make a fruit kebab</p>	<p>Design, make and evaluate a wooden photograph frame.</p> <p>Make a healthy salad.</p>
Skills	<p>Design, make and evaluate.</p> <p>I can draw a plan of a model I want to make. I can discuss my ideas and explain my design against the design criteria. I can select from and use a range of tools and equipment. I can evaluate my model against the design criteria. I can select from and use a wide range of materials and components.</p>	<p>Design, make and evaluate.</p> <p>I can draw a plan of a model I want to make. I can discuss my ideas and explain my design against the design criteria. I can select from and use a range of tools and equipment. I can evaluate my model against the design criteria. I can select from and use a wide range of materials and components.</p>	<p>Design, make and evaluate.</p> <p>I can draw a plan of a model I want to make. I can discuss my ideas and explain my design against the design criteria. I can select from and use a range of tools and equipment. I can evaluate my model against the design criteria. I can select from and use a wide range of materials and components.</p>

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	<p>Construction.</p> <p>I can select materials and packaging of an appropriate size and shape to create a design. I can join materials using tape and glue.</p> <p>Materials</p> <p>I can fold, tear and cut paper and card. I can cut along straight and curved lines. I can use tape and glue to create temporary joins, fixed joins and moving joins. I can use a hole punch.</p> <p>Technical Knowledge</p> <p>I can explore and use mechanisms (such as levers, sliders, wheels and axles.) I can use these mechanisms in my design.</p>	<p>Construction.</p> <p>I can mark out materials using a template.</p> <p>Materials</p> <p>I can cut along straight and curved lines.</p> <p>Textiles.</p> <p>I can decorate fabrics using paint/ pen. I can use a template to cut out shapes. I can join fabrics using staples and glue. I can decorate fabrics using buttons, beads and ribbons.</p> <p>Cooking and Nutrition.</p> <p>I know why I must wash my hands. I can describe food using my senses. I can use the right tools to cut and chop.</p>	<p>Construction.</p> <p>I can join materials using tape and glue. I can cut wood dowelling using a hacksaw and bench hook with support</p> <p>Materials</p> <p>I can cut along straight and curved lines. I can use tape and glue to create temporary joins and fixed joins.</p> <p>Technical Knowledge</p> <p>I can build structures exploring how they can be made stronger, stiffer and more stable.</p> <p>Cooking and Nutrition.</p> <p>I can describe food using my senses. I know why I must wash my hands.</p>
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			<p>I can use the right tools to cut, grate and chop.</p> <p>I can discuss and understand where my food comes from.</p>
Outcomes	<p>Children to design, make and evaluate a junk model monster.</p> <p>Children to make a moving jointed figure.</p>	<p>Children to design, make and evaluate a fabric finger puppet and decorate it appropriately.</p> <p>Children to make a fruit kebab by cutting and chopping fruits.</p>	<p>Children to design and make a wooden photograph frame by cutting and joining wood.</p> <p>Children to make a healthy salad using the correct tools.</p> <p>Children to know where these foods come from.</p>
Key Knowledge Outcome	<p>Children to have an awareness of a range of influential British chefs and cooks.</p>		