



St Alban & St Stephen Catholic Primary & Nursery



Design & Technology Curriculum Coverage Years 1 – 6

2021-2022

ELEMENTS OF DESIGN AND TECHNOLOGY

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Food and nutrition – Heathy eating – Fruit salads Planning a fruit salad. Choosing and cutting fruit.	Structures - Make paper aeroplanes. Mechanisms (KAPOW) Make aeroplane with wheels and axels –		Textiles – (KAPOW) Making puppets of people who help us. Joining fabric by pinning or stapling - Draw people who help us.	Mechanisms - (KAPOW) Moving Story Books — Old Mc Donald had a farm	Structures - Making a family photo frame. Selecting tools, ,cutting and folding, attaching parts, ensuring structure is sturdy.

<p>Year 2</p>	<p>Mechanisms – (KAPOW) Moving Monster- Animals Moving</p> <p>Food and Nutrition – Link to study of India- Balanced diet- Plan and Make a wrap using chapatti bread</p>	<p>Mechanisms – Fairground wheel Link to The London Eye Paddington Bear</p>		<p>Structure - Design a throne for the Queen</p> <p>Textiles – Make a purse to hold the coins – use running stitch</p>		
<p>Year 3</p>	<p>Mechanisms Pneumatic Monsters (KAPOW) Sabre Tooth tiger etc</p>		<p>Textiles Make a small cushion in the shape of a Tudor Rose- Draw and colour a Tudor Rose - join edges of the material with blanket stitch.</p>	<p>Food & Nutrition Japanese Fruit Skewers and seasonal tarts Link to Around The World</p>	<p>Structures Constructing a range of 3D geometric shapes using nets to form Egyptian tombs</p>	<p>Mechanisms Sling Shot Car- KAPOW Year 4 unit</p>
<p>Year 4</p>	<p>Mechanism Design and build a Roman catapult</p>		<p>Textiles Creating a coat of arms design.</p>	<p>Structures / Electrical (Pavillions/ Torches)- KAPOW) Use a range of materials to create famous</p>		<p>Food and Nutrition Adapting a recipe Design a different sweet or savoury bread using additional flavours from</p>

				landmarks from European countries. –Eiffel Tower / Arc de Triumph/ The Louvre		Europe – e.g Garlic bread, olives, sun dried tomatoes or sweet bread with apricots, raisins etc
Year 5	Structure – Shelter building to survive in hot/ cold environment.	Textiles Stuffed toys Learn about the German Steiff Bear in WW1 – Create own stuffed toys Electrical – Electronic greeting cards- Christmas cards.	Food and Nutrition Tapas- What could be healthier? (KAPOW) Albondigas- Spanish meatballs - Adapt a recipe to make it healthier.		Mechanism Pop up book of London’s famous landmarks	
Year 6	Mechanism / Electrical - Make fairground rides using circuits and structural form. Select appropriate tools, materials, components and		Textiles Stitching a Mayan tunic and adding woven appliques		Food and Nutrition Come Dine with Me 3 ingredients - 3 courses. Children prepare a starter, main and a dessert.	Structure – Make a model of the clock tower using wood dowel, glue guns etc Join sketched/ printed sides to structure.

	<p>techniques. Assemble components make working models. Use tools safely and accurately. Construct products using permanent joining techniques.</p>					
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