

St John's Primary School
Design and Technology Curriculum Overview

Year A	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS						
Y1&2	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>	<p>Topic: Ice Explorers</p> <p>NC: Technical Knowledge: Mechanisms - Axles and Wheels</p> <p>Finished product: Polar Express train</p>	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>	<p>Topic: To Infinity and Beyond</p> <p>NC: Technical Knowledge: Materials/Structures - Templates Structures Joining Materials</p> <p>Finished product: Moving Rocket</p>	<p>Topic: Danger In The Kingdom</p> <p>NC: Technical Knowledge: Mechanisms - Sliders and Levers</p> <p>Finished product: Information Pop-Up Book</p>	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>
Y3&4	<p>Topic: Healthy Humans</p> <p>NC: Technical Knowledge: Food and</p>	<p>Topic: Light at the end of the tunnel</p> <p>NC: Technical Knowledge:</p>	<p>Topic: Egyptians</p> <p>NC: Technical Knowledge: Mechanisms - Pneumatics</p>	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>	<p>Topic:</p> <p>NC:</p> <p>Finished product:</p>

	<p>Nutrition</p> <p>Finished product: A healthy Sandwich</p>	<p>Electrical systems Computer control and monitoring</p> <p>Finished product: Electronic Christmas cards</p>	<p>Finished product: Pop up sarcophagus</p>			
Y5&6	<p>Topic: Saxons</p> <p>NC: Technical Knowledge: Textiles Food and Nutrition</p> <p>Finished product: Making Saxon bread Weaving</p>	<p>Topic: Viking</p> <p>NC: Technical Knowledge: Mechanisms - CAMs</p> <p>Finished product: Making a moving longboat</p>	<p>Topic: Bella Italia</p> <p>NC: Technical Knowledge: Food and Nutrition</p> <p>Finished product: Cooking a savoury dish.</p>	<p>Topic: Bella Italia</p> <p>NC: Technical Knowledge: Materials/Structures</p> <p>Finished product: Designing and making earthquake-proof buildings</p>	<p>Topic: NC: Finished product:</p>	<p>Topic: NC: Finished product:</p>

Design, Make and Evaluate Cycle

Autumn: Focus of teaching on design element.

Spring: Focus of teaching on making element.

Summer: Focus of teaching on evaluating element.

Year B	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS						
Y1&2	<p>Topic: Lest We Forget</p> <p>NC: Technical Knowledge Materials/Structures</p> <p>Finished product: Cenotaph</p>	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: The Great Staycation</p> <p>NC: Technical Knowledge: Textiles</p> <p>Finished product: Outfit for Jim</p>	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: Helpful Humans</p> <p>NC: Technical Knowledge: Food and Nutrition</p> <p>Finished product: Fruit Smoothie</p>
Y3&4	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: Christmas NC: Technical Knowledge: Textiles - 2D shape to 3D Product</p> <p>Finished product: Christmas decorations - stuffed toys</p>	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: Victorians (Link to Brunel)</p> <p>NC: Technical Knowledge: Materials/Structures - Shell Structures</p> <p>Finished product: Model Bridge</p>	<p>Topic: NC:</p> <p>Finished product:</p>	<p>Topic: What a legend!</p> <p>NC: Technical Knowledge: Mechanisms Levers and Linkages</p> <p>Finished product: Moving History Book Scene from</p>

						Robin Hood
Y5&6	<p>Topic: WW2</p> <p>NC: Technical Knowledge: Electrical systems Computer control and monitoring</p> <p>- computer aided design</p> <p>Finished product: Sketchup – designing an Anderson Shelter</p>	<p>Topic: WW2</p> <p>NC: Technical Knowledge: Electrical systems Computer control and monitoring</p> <p>- More complex switches</p> <p>Finished product: Electrical circuits and component - WWII House (Black-out test)</p>	<p>Topic: Rainforests</p> <p>NC: Technical knowledge - Mechanisms</p> <p>- Pulleys and gears.</p> <p>Finished product: Design a jeep that goes over different terrain.</p>	<p>Topic: NC: Finished product:</p>	<p>Topic: NC: Finished product:</p>	<p>Topic: NC: Finished product:</p>

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