



Design and Technology



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Exploring materials	Making marks	Building blocks	Using tools	Discussing ideas	Creating and making
Reception	Structures: Junk Modelling	Cooking and Nutrition: Soup	Textiles: Bookmarks		Structures: Boats	
Year 1/2 Cycle A	Local Designer: Emma Bailey	Mechanisms: Making a moving storybook	Structures: Conducting a windmill	Textiles: Puppets	Mechanisms: Wheels and Axles	Cooking and Nutrition: Fruit and Vegetables
Year 1/2 Cycle B	Local Designer: Emma Bridgewater	Cooking and Nutrition: A Balanced diet	Mechanisms: Making a moving monster	Structures: Baby Bear's chair	Textiles: Pouches	Mechanisms: Fairground Wheel
Year 3	Design a finger puppet Research existing finger puppets Look at different ways to attach the fabric.	Christmas Star (sew) Sew stitch, thread and cut fabric	Design a Stone Age tool Stone Age Day - den building, using tools - joining the materials	Jam tarts Mix, combine, measure, test and assemble a jam tart.	A working Roman Catapult Research Investigate different types of material strength,	

	<p>Make product.</p> <p>Evaluate product.</p>				<p>flexibility, purpose.</p> <p>Design and test</p> <p>Make the catapult</p> <p>pneumatic systems</p>	
Year 4	<p>Build a boat (Egyptian)</p> <p>Plan, create, measure and evaluate.</p>	<p>Christmas Star (sew)</p> <p>a range of stitches, cut fabric and add detail</p>	<p>Make a pyramid</p> <p>from toothpicks and <u>modelling clay</u></p>	<p>Create a shaduf</p> <p>Measure, cut, clamp and saw.</p>	<p>Rainforest cargo raft</p> <p>(made of sticks and string and wider)</p> <p>(repeated)</p>	<p>Build a Anglo- Saxon village. Plan, research, cut, stick, design</p>
Year 5		<p>Rag doll (sew)</p> <p>Design, make and evaluate, cut, stick, sew</p>	<p>Greek footwear</p> <p>Design, make and evaluate a piece of Greek footwear that is authentic for the time period.</p>	<p>Greek footwear (continued)</p> <p>Design, make and evaluate a piece of Greek footwear</p>	<p>Seasonal tart</p> <p>Learn about seasonal foods and create a seasonal food tart.</p>	

Year 6	<p>Sewing: earlier in the year practise stitches on binca.</p> <p>Sewing : create a gingerbread/ Christmas tree</p>	<p>Christmas wreath.</p> <p>bend , manipulate, combine and add detail to a Christmas wreath</p>	<p>Harry Potter Board game.</p> <p>Research , design, test and evaluate</p>	<p>Harry Potter Board game (continued)</p> <p>build, paint, colour, stick, fold and create the game</p>	<p>Roller Coaster</p> <p>Design, research, evaluate, stick, build, combine, test</p>	
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