

Design and Technology Topics



Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<p>Textiles</p> <p>Crown Purpose - Understanding positional language Audience - A princess/queen/prince/king in a story Link - History (Royal family)</p>	<p>Mechanisms</p> <p>Moving vehicles Purpose - Competition - Furthest distance Audience - Themselves Link - Geography (Vehicles used in the United Kingdom)</p>	<p>Cookery and Nutrition</p> <p>Smoothies Purpose - Taste testing healthy foods Audience - Themselves Link - Science (Senses)</p>	<p>Mechanisms</p> <p>Moving story book Purpose - Show story book to younger children (speaking and listening skills) Audience - Reception children Link - English (Favourite books/class text)</p>	<p>Structures</p> <p>Constructing a windmill Purpose - Fine motor skills Audience - An eco-friendly town Link - Geography (Weather)</p> <p>Famous person Daniel Halladay</p>	<p>Textiles</p> <p>Puppets Purpose - Puppet show (drama) Audience - Other groups in the classroom Link - English (Drama and speaking and listening)</p>
2	<p>Textiles</p> <p>Pouches</p>	<p>Structures</p> <p>Chair</p>	<p>Cookery and Nutrition</p> <p>Wrap</p>	<p>Textiles</p> <p>Jewellery</p>	<p>Mechanisms</p> <p>Fairground wheel</p>	<p>Mechanisms</p> <p>Moving Monster</p>

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	<p>Purpose - Storing their own maths resources</p> <p>Audience - Their own use</p> <p>Link - No link</p>	<p>Purpose - 3D shapes and their properties</p> <p>Audience - Making it for a toy</p> <p>Link - History (Toys in the past)</p>	<p>Purpose - Children to be able to make themselves a healthy meal</p> <p>Audience - Making it for themselves</p> <p>Link - Science (Food categories/keeping healthy)</p>	<p>Purpose - Looking at patterns</p> <p>Audience - Family member</p> <p>Link - Geography (South Africa)</p>	<p>Purpose - Materials and their suitability</p> <p>Audience - Mayor of the town</p> <p>Link - History (Transport)</p> <p>Famous person Ferris Jr</p>	<p>Purpose - Adjectives/expanded noun phrases to describe monster</p> <p>Audience - Particular year group</p> <p>Link - Art (Working with colour)</p>
3	<p>Mechanical Systems Pneumatic dinosaur</p> <p>Purpose - Dinosaur display</p> <p>Audience - Toy store</p> <p>Link - History (dinosaurs)</p> <p>Famous person Hero of Alexandria</p>	<p>Textiles Egyptian Collar</p> <p>Purpose - Dress up as an Egyptian pharaoh for calendar</p> <p>Audience - An Egyptian pharaoh</p> <p>Link - History (Ancient Egypt)</p>	<p>Cookery and Nutrition Tarts</p> <p>Purpose - Knowledge of how to make a dessert</p> <p>Audience - Shildon Alive Stall</p> <p>Link - No link</p>	<p>Electrical systems Electric poster</p> <p>Purpose - Informative poster with light up elements</p> <p>Audience - Museum visitors</p> <p>Link - History (Viking shield poster)</p>	<p>Structures Constructing a castle</p> <p>Purpose - Selecting correct materials</p> <p>Audience - History (Tudors)</p>	<p>Digital World Electronic Charm</p> <p>Purpose - Combining computing and DT for the first time</p> <p>Audience - Teenagers</p> <p>Link - Computing (Coding)</p>

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<p>4</p>	<p>Structure</p> <p>House/pavilion Purpose - To compare and contrast house shape now to Stone Age Audience - Themselves Link - Science/Maths (Solids and shapes)</p>	<p>Digital World</p> <p>Mindful moments timer Purpose - Put their coding skills into practise Audience - Class countdown timer Link - Computing (Coding)</p>	<p>Electrical systems</p> <p>Torches Purpose - Put their learning about circuits into practise Audience - Year 6 (when they look at light in science) Link - Science (Electricity)</p> <p>Famous person Conrad Hubert</p>	<p>Cookery and Nutrition</p> <p>Biscuit Purpose - Knowledge of how to make a snack Audience - After school care Link - Science (Digestive system/looking after teeth)</p>	<p>Mechanical Systems</p> <p>Slingshot car Purpose - Competition Furthest distance Audience - Cartoon character Link - No Link</p>	<p>Textiles</p> <p>Book sleeve Purpose - Take their reading books home in Audience - Librarians Link - English (promoting a love of reading)</p>
<p>5</p>	<p>Digital World</p> <p>3D Medal Purpose - 3D medals for a sporting event in that year (Olympics, Euros, World Cup) Audience - Athletes Link -</p>	<p>Mechanical Systems</p> <p>Pop up Purpose - Pop up card/calendar Audience - Family member/s Link - Season</p>	<p>Structure</p> <p>Bridges Purpose - Apply understanding of making structures stronger Audience - Architects Link -</p>	<p>Electrical systems</p> <p>Doodlers Purpose - Using the doodler to make Easter cards Audience - Themselves Link -</p>	<p>Textiles</p> <p>Stuffed Planets Purpose - Make a model of the solar system Audience - Class display Link - Science (Planets)</p>	<p>Cookery and Nutrition</p> <p>Pasta Bolognese Purpose - Understanding of how to make a healthy evening meal Audience - Teachers Link - No link</p>

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	Computing (Computer programs)	(Christmas/New Year)	Geography (Oceania bridges) Famous person Brunel	French (Easter cards)		
6	<p>Mechanical Systems Automata toys Purpose - Moving Iron Age scene Audience - Themselves Link - History (Iron Age)</p>	<p>Textiles Waistcoats Purpose - Santa's waistcoat Audience - Santa Link - Season (Christmas)</p>	<p>Cookery and Nutrition Three course meal Purpose - Cookery competition (scoring the meals) Audience - Governors/head teacher Link - No link Famous person Jamie Oliver</p>	<p>Structure Playgrounds Purpose - Reception to play with them in their play areas Audience - Children Link - No link</p>	<p>Digital World Navigation tool Purpose - Develop their speaking and listening skills to pitch their product Audience - Other children in the class Link - Geography (Direction/compass points)</p>	<p>Electrical systems Steady Hand Game Purpose - Make a game to be used in after school care Audience - After school care children Link - Art (Decorating with Banksy artwork)</p>