

Design and Technology Curriculum Map

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Topic 1	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	<u>Textiles (joined by glue)</u> : Assembling and joining using glue a product associated with the school and the locality, e.g. logos.	<u>Structures (tall and stable)</u> : Using straws, junk material, and cards, create a tall structure of at least 30cm	<u>Structures (stable and creative)</u> : Create an aesthetically pleasing structure specifically for the school's locality, considering the large structures in the area.	<u>Food Technology</u> Prepare afternoon tea for four guests (which could include your friends but must involve at least one adult).	<u>Structures (use of recycled materials)</u> : Create a structure out of recycled materials which could become a landmark reflecting an aspect of American life.	<u>Textiles</u> : Taking account of the Bayeux Tapestry, create a textile product which tells a story and incorporates fabric sewn onto fabric (applique) and stitch detail.
Topic 2	Share their creations, explaining the process they have used.	<u>Mechanisms (one moving part)</u> : Create a simple pop-up toy using different materials incorporating the use of a slider – (textiles, junk material and card).	<u>Food Technology</u> Make a pizza. Add ingredients that they know are healthy (link with 'healthy body' in science).	<u>Textiles (running stitch)</u> : Create an A4 personal flag for the opening ceremony of the Ancient Greek Olympics which incorporates a running stitch.	<u>Mechanisms (lever)</u> : Create a Roman weapon which is operated by a lever system to propel a marble one metre.	<u>Food Technology</u> Design and make an apple (or other fruit) crumble. Pupils must work out which ingredients they need, cost them and buy the ingredients.	<u>Mechanisms</u> (a complex electrical circuit with multiple components): Create a traffic light system that involves the use of IT.
Topic 3		<u>Food Technology</u> : How can we ensure that our sandwich is healthy?	<u>Mechanisms (axle and wheels)</u> : Create a moving vehicle with axles and wheels – links to historical unit on transport and	<u>Mechanisms (pulley)</u> : Create a mechanism for loading objects onto a boat which	<u>Structure (incorporating a simple electrical circuit)</u> : Create a battery-operated torch which	<u>Mechanisms (gears)</u> : Create a water mill system for a developing country which incorporates gears and links to Fairtrade,	

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			reflects transport through the ages.	incorporates a pulley system.	incorporates changing colours,	or Create a moving (using pneumatics) toy.	
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