

Design and Technology coverage 2016-2017

		Autumn	Spring	Summer
Year 1	Strand of D&T	<p align="center">STRUCTURES (Free Standing structures) <i>Free standing structure – a structure that stands on its own foundation or base without attachment to anything else.</i></p> <p align="center">MECHANISMS (Sliders and levers)</p>	<p align="center">STRUCTURES (Free Standing structures) <i>Free standing structure – a structure that stands on its own foundation or base without attachment to anything else.</i></p>	<p align="center">FOOD (preparing fruit and vegetables – including cooking and nutrition)</p>
	Project	<p>To design and make an ideal bedroom for a lego figure.</p> <p>To design and make a moving front cover for a child's own book (linked to English work)</p>	<p>To design and make a pirate ship for a stranded Barnes Bear.</p>	<p>To prepare and make a salad for a summer picnic.</p>

		Autumn	Spring	Summer
Year 2	Strand of D&T	<p align="center">FOOD (preparing fruit and vegetables – including cooking and nutrition)</p>	<p align="center">MECHANISMS (wheels and axles)</p> <p align="center">FOOD (preparing fruit and vegetables – including cooking and nutrition)</p>	<p align="center">TEXTILES (templates and joining techniques)</p> <p align="center">FOOD (preparing fruit and vegetables – including cooking and nutrition)</p>
	Project	<p>To design and make a bread product that can be sold in Thomas Farynor's bakery (link to history: The Great Fire of London 1666).</p>	<p>To design and make a moving vehicle.</p> <p>To prepare and make sushi.</p>	<p>To design and make a glove puppet linked to the book 'The True Story of the Three Little Pigs'.</p> <p>To prepare and make a salad for a summer picnic.</p>

		Autumn	Spring	Summer
Year 3	Strand of D&T	<p align="center">TEXTILES (2D shape to 3D shape)</p>		<p align="center">SHELL STRUCTURES (including computer-aided design) <i>Shell structure – a hollow structure with a thin outer covering.</i></p> <p align="center">FOOD (healthy and varied diet including cooking & nutrition)</p>

	Project	To design and make an apron. Children to sew on a pocket and decorate.		To design and make a healthy snack. To design and make packaging for the healthy snack.
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		Autumn	Spring	Summer
Year 4	Strand of D&T	ELECTRICAL SYSTEMS (simple circuits and switches, including programming and control)		MECHANICAL SYSTEMS (levers and linkages) FOOD (healthy and varied diet including cooking and nutrition)
	Project	To design and make a Morse Code machine (linked to science topic)		To design and make a moving picture linked to a Greek Myth (link to English unit). To prepare and make Greek food (link to English unit).

		Autumn	Spring	Summer
Year 5	Strand of D&T	TEXTILES (combining different fabric shapes, including computer-aided design)	FOOD (celebrating culture and seasonality – including cooking and nutrition)	STRUCTURES (frame structures) <i>Frame structure – a structure made from thin components e.g. tent frame</i>
	Project	To design and make a Christmas decoration to be sold at the Christmas Fair.	To prepare and make Indian bread.	To design and make a bridge for Barnes Bear to get across the river Thames.

		Autumn	Spring	Summer
Year 6	Strand of D&T	MECHANICAL SYSTEMS (pulleys, gears or cams)		FOOD (celebrating culture and seasonality – including cooking and nutrition)

	Project	To design and make a moving toy.		To design and make a selection of dips and salads for an exhibition opening.