

# *St Mary's and St Benedict's RC Primary School*

## *Yearly Curriculum Overview Design & Technology*



		<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Key Stage 1</b>	Cycle A		Mechanisms - pop ups and simple card levers (Great Fire of London)		Food - preparing and combining foods	Structures - stability and strength (designing and building models for a purpose-play equipment)	Design and build robots
	Cycle B			Mechanisms - wheels and axles (moon buggies)	Food - the eat well plate, where food comes from, principles of a healthy diet	Textiles - using a template, simple joining, choice of stitches, choice of materials (puppets)	

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<i>Lower Key Stage 2</i>	<i>Cycle A</i>		<i>Food - simple dish - the eat well plate</i>		<i>Mechanical systems - levers and linkages</i>		<i>Structures - shell/frame structures and strengthening</i>
	<i>Cycle B</i>	<i>ICT and electrical systems - control and electrical components</i>			<i>Textiles - seams, stiffening and strengthening, materials and fastenings</i>		<i>Food - simple savoury food and cooking techniques</i>

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Upper Key Stage 2	Cycle A		Food - food from another culture, variety of cooking techniques		Mechanical systems - cams, pulleys and gears	3D Textiles - using gussets, using patterns, joining with seam allowance, combining fabrics	
	Cycle B			Food - chefs, food heroes, designing a healthy menu/eat well plate		Combining learning from across design and technology skills bases - structures, mechanical systems, electrical systems, ICT programming and control	