



# Our Lady and St Thomas Primary School



## Design and Technology Long Term Plan

<b>Key Stage 1</b>			
Year A	<b>Mechanisms</b> <a href="#"><u>Sliders and levers</u></a>	<b>Structures</b> <a href="#"><u>Freestanding Structures</u></a>	<b>Food</b> <a href="#"><u>Preparing fruits and vegetables (including cooking and nutrition requirements for KS1)</u></a>
Year B	<b>Mechanisms</b> <a href="#"><u>Wheels and axles</u></a>	<b>Food</b> <a href="#"><u>Preparing fruits and vegetables (including cooking and nutrition requirements for KS1)</u></a>	<b>Textiles</b> <a href="#"><u>Templates and joining techniques</u></a>

Within KS1 both classes will teach the same aspect to ensure coverage for the split year 1 however the project outcomes will differ to ensure progression across KS1.

<b>Lower Key Stage 2</b>			
Year A	<b>Electrical Systems</b> <a href="#"><u>Simple circuits and switches (including programming and control)</u></a>	<b>Textiles</b> <a href="#"><u>2-D shape to 3-D product</u></a>	<b>Food</b> <a href="#"><u>Healthy and varied diet (including cooking and nutrition requirements for KS2)</u></a>
Year B	<b>Mechanical Systems</b> <a href="#"><u>Levers and linkages</u></a>	<b>Structures</b> <a href="#"><u>Shell structures (including computer-aided design)</u></a>	<b>Food</b> <a href="#"><u>Healthy and varied diet (including cooking and nutrition requirements for KS2)</u></a>

<b>Upper Key Stage 2</b>			
Year A	<b>Structures</b> <a href="#">Frame Structures</a>	<b>Food</b> <a href="#">Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</a>	<b>Textiles</b> <a href="#">Combining different fabric shapes (including computer aided design)</a>
Year B	<b>Electrical Systems</b> <a href="#">More complex switches and circuits (including programming and control)</a>	<b>Mechanical Systems</b> <a href="#">Pulleys or gears</a>	<b>Food</b> <a href="#">Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</a>

**Teachers may reorder aspects within each year to suit topics being covered however the aspects will remain in their own cycle.**