

Whiteley Primary School design and technology long term plan.

Year R	Ongoing provision - see Understanding of the World and Expressive Arts and Design curriculum		
Year 1	<b>Structures</b> Freestanding structures	<b>Mechanisms</b> Sliders and levers	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)
Year 2	<b>Textiles</b> Templates and joining techniques	<b>Mechanisms</b> Wheels and axles	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)
Year 3	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b>Structures</b> Shell structures	<b>Mechanical systems</b> Levers and linkages
Year 4	<b>Textiles</b> 2d shape to 3d product	<b>Electrical systems</b> Simple circuits and switches (including programming and control)	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)
Year 5	<b>Mechanical systems</b> Cams	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b>Structures</b> frame structures
Year 6	<b>Textiles</b> Combining different fabric shapes	<b>Mechanical and electrical systems</b> Pulleys. More complex switches and circuits (including programming, monitoring and control)	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)