

Design and Technology		Long term plan	
INTENT		INSPIRE	INNOVATE
	Autumn	Spring	Summer
Year 1	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KSI) Winter Soup	<b>Mechanisms</b> Sliders and levers A moving card	<b>Structures</b> Freestanding structures A chair
Year 2	<b>Textiles</b> Templates & joining techniques A small bag	<b>Mechanisms</b> Wheels and axles A moving vehicle	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KSI) A smoothie
Year 3	<b>Mechanical Systems</b> Levers and linkages A moving card	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2) A healthy sandwich	<b>Structures</b> Shell structures (including computer-aided design) Money Box

Year 4	<p><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p>A hot sandwich</p>	<p><b>Textiles</b> 2-D shape to 3-D product</p> <p>A pencil case</p>	<p><b>Electrical Systems</b> Simple circuits and switches (including programming and control)</p> <p>A night light</p>
Year 5	<p><b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p>A pizza</p>	<p><b>Structures</b> Frame structures</p> <p>A small shelter</p>	<p><b>Mechanical Systems</b> Pulleys, gears or cams</p> <p>A vehicle</p>
Year 6	<p><b>Textiles</b> Combining different fabric shapes (including computer aided design)</p> <p>A mobile phone case</p>	<p><b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p>Bread</p>	