



**Design and Technology – Projects on a Page Long Term Plan**

Cycle A			
	Autumn Term	Spring Term	Summer Term
Lower School	<b>Food (Yr 3/4)</b> Healthy and Varied Diet	<b>Textiles</b> Templates and Joining Techniques	<b>Structures (yr 3/4)</b> Shell Structures
Upper School	<b>Mechanical Systems (yr 5/6)</b> Pulleys or gears	<b>Structures (yr 3/4)</b> Shell structures using computer aided design	<b>Food (yr 5/6)</b> Celebrating culture and seasonality

Cycle B			
	Autumn Term	Spring Term	Summer Term
Lower School	<b>Structures</b> Freestanding structures	<b>Food</b> Preparing fruit and Vegetables	<b>Mechanisms</b> Wheels and Axles
Upper School	<b>Electrical Systems</b> Simple (yr 3/4) More complex (yr 5/6) switches and circuits	<b>Textiles (yr 5/6)</b> Combining different fabric	<b>Food (yr 5/6)</b> Celebrating culture and seasonality

Cycle C			
	Autumn Term	Spring Term	Summer Term
Lower School	<b>Mechanisms</b> Sliders and Levers	<b>Food</b> Preparing fruit and Vegetables	<b>Textiles</b> Templates and Joining Techniques
Upper School	<b>Structures</b> Shell structures (yr 3/4) Frame Structures (yr 5/6)	<b>Textiles (yr 3/4)</b> 2D shape to 3D product	<b>Mechanical Systems (yr 3/4)</b> Levers and linkages