



St Joseph's Catholic Academy Design and Technology Whole School Overview



	<b>AUTUMN</b>	<b>SPRING</b>	<b>SUMMER</b>
<b>Year 1</b>	Freestanding Structures	Food Technology – Preparing fruits and vegetables	Mechanisms – Sliders and Levers
<b>Year 2</b>	Mechanisms – Wheels and Axels	Textiles – Templates and Joining Techniques	Food Technology – Preparing fruits and vegetables
<b>Year 3</b>	Mechanisms – Levers and Linkage	Sheel Structures	Food Technology – Healthy and balanced diet
<b>Year 4</b>	Simple Cicuits and Switches – Using CAD	Textiles – 2D shapes to 3D product, combing different fabic shapes	Mechanisms – Pneumatics
<b>Year 5</b>	Food Technology – Celebrating culture and seasonality	Frame Structures	Textiles – Combining different fabric shapes
<b>Year 6</b>	More Complex Electrical Systems – Montoring and control	Mechanisms – Cams, pulleys and gears	Food Technology – Celebrating culture and seasonality