



## St Joseph's Catholic Primary School Long Term Plan for Design & Technology 2024-2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Mechanisms: Sliders and Levers	Structures: Freestanding structures	Food and Nutrition	Understanding materials: Selecting Materials	Textiles: Joining Techniques	Food and nutrition
Year 2	Textiles: Exploring shape using a template	Food and Nutrition	Mechanisms: Axles and Wheels	Understanding materials: Manipulating Materials	Food and Nutrition	Structures Developing Strength in Structures
Year 3	Textiles: Stiffening & strengthening fabric	Food and Nutrition	Mechanisms: Levers and Linkage	Food and Nutrition	Systems How things are powered	Structures Spanning gaps
Year 4	Food and Nutrition	Mechanisms Hinges	Textiles Fixings and Fastenings	Structures Frames to make them stronger and sturdier	Electrical systems Switches and circuits revisited	Food and Nutrition
Year 5	Food and Nutrition	Systems: Greener Power	Textiles: Durability of Fabric	Mechanisms: Pulleys and Gears	Structures: Developing Structures that are fit for purpose	Food and Nutrition
Year 6	Food and nutrition	Mechanisms: Pulleys and Gears	Food and Nutrition	Structures	Electrical systems: Complex switches and circuits	Textiles: Sustainable materials

