



Design and Technology Long Term Plan 2022.23

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Yr 1	Mechanisms: sliders & levers	Food and Nutrition: preparing fruit & vegetables	Understanding materials: selecting materials	Food & Nutrition: understanding a recipe	Textiles: templates & joining techniques	Structures: freestanding structures
Yr 2	Understanding materials: Manipulating materials	Mechanisms: Axles & wheels	Textiles: Combining materials	Food & Nutrition: Following a recipe	Food & Nutrition: Increasing our intake of fruit & vegetables	Structures: Developing strength in structures
Yr 3	Food & nutrition: a balanced & varied diet	Mechanisms: levers & linkages	Textiles: Combining materials	Food & nutrition: following a recipe	Electrical systems: switches & circuits	Structures: developing strength in structures
Yr 4	Food & nutrition: Food choices	Structures: designing structures (shapes to give stability)	Electrical systems: switches & circuits revisited (electricity link)	Food & nutrition: understanding dietary requirements (digestion link)	Textiles: fixings & fastenings	Mechanisms: hinges
Yr 5	Electrical systems: complex switches & circuits	Food & nutrition: eating seasonally	Food technology: celebrating culture (world countries link)	Structures: Developing stability in structures	Mechanisms: pulleys & gears (forces link)	Textiles: making clothes last longer (Levi Strauss)
Yr 6	Food & nutrition	Electrical systems: Complex switches & circuits (Electricity link)	Mechanisms: Gears	Textiles: Sustainable materials	Food & Nutrition: Eating on a budget/Does food affect the way you feel? (Animals link)	Structures: Designing structures