

2024-25 DESIGN TECHNOLOGY SUBJECT OVERVIEW



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Structures		Freestanding structures: Houses in GFOL (Rockets additional for 24/25)	Shell structures: Gift boxes/containers		Frame structures: Tent/Shelter	
Mechanical Systems	Wheels & Axles: Wheeled vehicles	Sliders & Levers: Moving Cards (Year 1 to complete for 24/25)		Pneumatics: Moving creature in a box		Pulleys and gears: Lifting system
Electrical Systems				Simple Circuits: Lighthouses		Complex Switches: Steady hand game
Food	Food: Preparing fruit salad – knife skills	Food: Preparing fruit and vegetables	Healthy Diet: Wraps and rolls	Healthy and varied diet: Muffins/pizza rolls for healthy picnic snack	Food: Celebrating culture and seasonality	Food: Celebrating culture and seasonality
Textiles	Textiles: Templates and joining techniques		2D Shape to 3D Product: Fabric bags for use at school	(2D to 3D – decorative stitching – additional for 24/25)	Combining fabric: Book Sleeve	