



All Saints Academy Design and Technology Whole School Overview

Each year group will cover a total of three design and technology units per year. Children will cover one unit of food technology each year. Textiles, mechanisms and structures are covered at least three times during their time in the school. Electrical systems are covered twice during their time in the school. Each year group will study at least one famous designer.

	AUTUMN	SPRING	SUMMER
EYFS	Continuous provision, For example; <ul style="list-style-type: none"> Construction area- blocks, bricks, crates etc Creation station- junk modelling, using various tools & materials, joining materials, development of fine & gross motor skills, weaving Food- small group cooking tasks 		
Year 1	STRUCTURES Whose home? <u>Freestanding structures</u> <i>Linked to Y1 History topic- castles.</i>	MECHANISM Moving pictures (Mothers Day cards) <u>Sliders and levers</u>	FOOD Fruit kebabs
Year 2	TEXTILES Hanging Christmas decoration <u>Templates and joining techniques</u>	MECHANISM Vehicles <u>Wheels and axels</u> <i>Linked to Y1 History topic- Great Fire of London</i>	FOOD Dips and dippers
Year 3	TEXTILES Aprons	STRUCTURES Mini indoor greenhouse	FOOD Bread
Year 4	FOOD Meatball and tomato sauce	MECHANISM Mighty Mascots Mechanical and Pneumatic Control	ELECTRICAL SYSTEMS Night lights Simple circuits and switches (including programming and control)
Year 5	TEXTILES Pencil case	STRUCTURES Bird Hide Frame structure	FOOD Pizza
Year 6	FOOD Soups Celebrating culture and seasonality (Including cooking and nutrition requirements for KS2)	MECHANISM Mechanisms with a message Pulleys or gears	ELECTRICAL SYSTEMS Alarming vehicles More complex switches and circuits (including programming, monitoring and control)