

Design and Technology – Yearly Overview of Teaching Units – 2022 to 2023

	Advent 1	Advent 2	Lent 1	Lent 2	Pentecost 1	Pentecost 2
EYFS F1	Exploration of building with a purpose, learning how tools can be used safely and with control, beginning to learn new skills and use one handed tools such as scissors. The exploration of media and materials marries with purposeful outcomes that match to Early Learning Goals, Characteristics of Effective Learning and seasonal/topical links. Within the EYFS curriculum children develop: Independence, Exploration, Investigation, Problem Solving, Questioning, Application, Adaptation and Resilience. They learn product process skills such as: Sticking, Cutting, Joining, Chopping, Exploring man-made / natural materials, Textural exploration.					
Year 1	Mechanisms Sliders	Structures Freestanding structures	X	Food & Nutrition Fruit & Vegetables	Materials Construct a house from bread	Textiles Make handwarmers
Year 2	Textiles Simple patchwork	Food & Nutrition Healthy foods	Mechanisms Simple vehicles	Materials Waterproof hat	X	Structures Weight bearing towers
Year 3	Textiles Fabric boxes	Food & Nutrition Seasonal foods	X	Mechanisms Linkages & levers	Systems Energy sources	Structures Bridges
Year 4	Food & Nutrition Homemade vs processed foods	Mechanisms Hinges	Textiles Fastenings	Structures Dome structures	Food & Nutrition Food from other countries	X
Year 5	Food & Nutrition Diets from other cultures	Textiles Lunch bag	X	Food & Nutrition Cultural foods	Structures Model shelters	Mechanisms Pulleys & gears
Year 6	Food & Nutrition Street foods	Mechanisms Ferris wheel: Pulleys & gears	X	Food & Nutrition Foods for physical & emotional health	Electrical systems Switches	Textiles Repurposing materials to make a bag & foil blanket