

## Design and Technology Curriculum Overview

	Autumn	Spring	Summer
<b>Year 3</b>	Textiles Design & Make a Bag (Prototypes)	Structures Constructing Skeletal Frames (3D Shapes & Pyramids)	Mechanical Systems Shadow Puppets (Cutouts, linkages & moveable parts)
	Food & Nutrition Boiling an Egg	Food & Nutrition Fish Goujons	Food & Nutrition Flatbread
<b>Year 4</b>	Electrical Systems Quiz Board (Buzzers & Simple Circuits)	Mechanical Systems Flying Dragons (Crank, measuring, aesthetics)	Structures Musical Instruments (Pitch/ Volume/ Sound)
	Food & Nutrition Pomodoro Sauce	Food & Nutrition Bread Rolls & Roast Chicken	Food & Nutrition Omelette
<b>Year 5</b>	Mechanical Systems Cranes: Tomato Challenge: Pulleys, Levers & Gears	Mechanical Systems Pop Up Book (Slide, rotate, lift up, linkages, popup)	Electrical Systems Skyline Buzzer Game
	Food & Nutrition Pancakes	Food & Nutrition Tropical Fruit Salad	Food & Nutrition Macaroni Cheese (Pasta)
<b>Year 6</b>	Structures (Tinkercad - CAD) Design a prototype Keepsake box	Textiles: Practise stitches & design an emblem for West Earlham.	Electrical Systems Sound Monitor (Scratch Coding) & Solar Powered Light/ Torch
	Food & Nutrition Jacket Potato & Fillings	Food & Nutrition Pizza Base, Tomato Sauce & Toppings	Food & Nutrition Meringue