



Monkspath School
Design and Technology Curriculum Overview

	Autumn	Spring	Summer
Year 1	Mechanisms Sliders and levers	Structures Freestanding structures	Food Food and nutrition—Crudités
Year 2	Textiles Templates and joining techniques	Mechanisms Wheels and axles	Food Food and nutrition—sandwiches
Year 3	Structures Shell structures using computer-aided design (CAD)	Mechanical systems Levers and linkages	Food Health and varied diet: salads
Year 4	Food Health and varied diet: pizza	Electrical Systems Simple circuits and switches. Simple programming and control.	Textiles 2D shape to a 3D product: cushions
Year 5	Food Celebrating culture and seasonality: savoury scones	Structures Frame structures: shelters	Mechanical Systems Pulleys or gears
Year 6	Textiles Combining fabric.	Food Celebrating culture and seasonality: bread	Electrical systems More complex switches and circuits. Monitoring and control.