



Middlethorpe Primary Academy DT Long Term Plan



	Autumn 2	Spring 2	Summer 2
Year 1	Structures Free standing structures	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Mechanisms Sliders and levers
Year 2	Mechanisms Wheels and axles	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Textiles Templates and joining techniques
Year 3	Structures Shell structures	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Textiles 2D shape to 3D product
Year 4	Mechanical Systems Levers and linkages	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Electrical Systems Simple circuits and switches (including programming and control)
Year 5	Structures Frame structures	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Textiles Combining different shapes
Year 6	Mechanical Systems Pulleys or gears	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Electrical Systems More complex switches and circuits (including programming, monitoring and control)