

DT

Long Term Plan

Key Stage 1

Y1 or A	Mechanisms Wheels and axles	Textiles Templates and joining techniques	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)
Y2 or B	Mechanisms Sliders and levers	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Structures Freestanding structures

Lower Key Stage 2

Y3 or A	Mechanical Systems Levers and linkages	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Structures Shell structures (including computer-aided design)
Y4 or B	Electrical Systems Simple circuits and switches (including programming and control)	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Textiles 2-D shape to 3-D product

Upper Key Stage 2

Y5 or A	Mechanical Systems Pulleys or gears	Electrical Systems More complex switches and circuits (including programming, monitoring and control)	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)
Y6 or B	Textiles Combining different fabric shapes (including computer-aided design)	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	Structures Frame structures