



Design and Technology Long-Term Plan 2020-2021



To ensure that children receive the breadth of learning required by the National Curriculum and that they increase their knowledge, understanding and skills over time, it is essential to follow this long-term plan. The aim is to complete one project per term or six projects in KS1 and twelve in KS2 to meet the requirements of the National Curriculum Programme of Study. The order in which projects are taught can vary to match themes or topics taught in other subjects in your year group.

Key Stage 1

IMPORTANT: PLEASE REFER TO THE PROGRESSION FRAMEWORK TO ENSURE CORRECT COVERAGE/ PROGRESSION OF ALL ASPECTS OF DT WITHIN EACH TAUGHT AREA.

Year 1	Mechanisms Sliders and levers	Structures Freestanding structures	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)
Year 2	Mechanisms Wheels and axles	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Textiles Templates and joining techniques

Key Stage 2

IMPORTANT: PLEASE REFER TO PROGRESSION FRAMEWORK TO ENSURE CORRECT COVERAGE/ PROGRESSION OF ALL ASPECTS OF DT WITHIN EACH TAUGHT AREA.

Lower KS2

Year 3

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

Year 4

Upper KS2

Year 5/6

Textiles Combining different fabric shapes (including computer-aided design)	Mechanical Systems Pulleys or gears	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)
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