



Long Term Curriculum Overview 2020-21

Subject: Design Technology

'We create a nurturing environment which both inspires and challenges our whole school family, equipping our children to have high aspirations to: 'Dream big, love God and live well.'

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Mechanisms Wheels and axles	Art focus	Structures Freestanding structures	Art focus	Food Preparing fruit and vegetables including cooking and nutrition requirements for KS1	Art focus
Year 2	Mechanisms Sliders and levers	Art focus	Textiles Templates And joining techniques	Art focus	Food Preparing fruit and vegetables including cooking and nutrition requirements for KS1	Art focus
Year 3	Mechanical systems Levers and linkages	Art focus	Food Healthy and varied diet including cooking and nutrition requirements for KS2	Art focus	Structures Shell structures including computer aided design	Art focus
Year 4	Textiles 2D shape to a 3D product	Art focus	Electrical systems Simple circuits and switches including programing and control	Art focus	Food Healthy and varied diet including cooking and nutrition requirements for KS2	Art focus
Year 5	Food Celebrating culture seasonality including cooking and nutrition requirements for KS2	Art focus	Structures Frame structures	Art focus	Mechanical Systems Pulleys or gears	Art focus
Year 6	Textiles Combining different fabric shapes including computer aided design	Art focus	Food Celebrating culture seasonality including cooking and nutrition requirements for KS2	Art focus	Electrical systems More complex circuits and switches including programing and control	Art focus