

Long Term Plan

	Designing & Evaluating (Covered in every strand)	Using Materials/ Textiles	Food Awareness	Structures	Mechanisms	Electrical
Year 1	X	Templates and joining techniques	Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Freestanding structures	Sliders and levers	
Year 2	X	Templates and joining techniques	Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Freestanding structures	Wheels and axles	
Year 3	X	2D shape to 3D product	Healthy and varied diet (including cooking and nutrition requirements for KS2)	Shell structures using computer-aided design		
Year 4	X		Healthy and varied diet (including cooking and nutrition requirements for KS2)		Levers and Linkages	Electrical Systems Simple programming and control
Year 5	X	Combining different fabric shapes	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)		Pulleys and Gears	
Year 6	X	Using computer-aided design (CAD) in textiles (<i>Time constraints? Speak to Computing Leader</i>)	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	Structures Frame Structures		