



Durham Gilesgate Primary School



D&T Planning

	Autumn	Spring	Summer
Y1/2 Cycle A	<b>Mechanisms</b> Sliders and levers	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>Structures</b> Freestanding structures
Y1/2 Cycle B	<b>Mechanisms</b> Wheels and axels	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>Textiles</b> Templates and joining techniques
Y3/4 Cycle A	<b>Structures</b> Shell structures	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b>Textiles</b> 2D shape to 3D product
Y3/4 Cycle B	<b>Electrical systems</b> <i>Linked to science</i> Simple circuits and switches	<b>Mechanical systems</b> Pneumatics	<b>Structures</b> Shell structures (including computer aided design)
Y4/5 Cycle A	<b>Electrical systems</b> <i>Linked to science</i> Simple circuits and switches (including programming and control)	<b>Mechanical systems</b> Cams	<b>Structures</b> Frame structures
Y4/5 Cycle B	<b>Mechanical systems</b> Pulleys or gears	<b>Textiles</b> Using computer aided design (CAD) in textiles	<b>Mechanical systems</b> Levers and linkages
Year 6	<b>Electrical systems</b> <i>Linked to science</i> More complex switches (including programming, monitoring and control)	<b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	<b>Textiles</b> Combining different fabric shapes (including computer aided design)