

**Armathwaite School**
**Design & Technology Long Term Plan**

<b>Year A</b>	Autumn	Spring	Summer	<b>Year B</b>	Autumn	Spring	Summer
N,R,1	<b>Mechanisms</b> Sliders and levers (Moving pictures)	<b>Structures</b> Freestanding structures (Homes)	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)		<b>Mechanisms</b> Sliders and levers (Moving pictures)	<b>Structures</b> Freestanding structures (Homes)	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)
2,3	<b>Mechanisms</b> Wheels and axles	<b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	<b>Textiles</b> Templates and joining techniques		<b>Structures</b> Shell structures (included computer-aided design)	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)	<b>Textiles</b> 2D shape to 3D product
4,5,6	<b>Mechanical systems</b> Levers and linkages	<b>Electrical systems</b> Simple circuits and switches (including programming and control)	<b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)		<b>Structures</b> Frame structures	<b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	<b>Electrical systems</b> More complex switches and circuits (including programming, monitoring and control)
<b>Year C</b>							
	<b>Textiles</b> Combining different fabric shapes (including CAD)	<b>Mechanical systems</b> Pulleys or gears	<b>Food</b> Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)				