



# Eureka Primary School Long Term Plan: Design & Technology



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS &amp; Year 1 ADVENTURERS</b>		Textiles – making a toy	Cooking and nutrition – fruit salads and smoothies (exotic Fruits)			Mechanisms – Wheels and Axels make a London bus
<b>Cross-curricular</b>		<i>You've got a friend in me...</i>	<i>The festival of life!</i>			<i>The Wheels on the Bus</i>
<b>Year 1 &amp; 2 THINKERS</b>		Structures Building baby bears chair (Goldilocks)		<b>Mechanisms</b> Making a lighthouse using a wind up mechanism		Cooking and nutrition – Energy Bars
<b>Designers</b>				<b>Alexander G Bell</b>		Ella's Kitchen
<b>Cross-curricular</b>		<i>Everyday materials and their uses (S)</i>				
<b>Years 3 &amp; 4 EXPLORERS</b>				Mechanical Systems Roman Chariots	Cooking & Nutrition Eating seasonally Growing and using salad and vegetables	Textiles Bayeux Tapestry
<b>Cross-curricular</b>				<i>What did the Romans do for Derby?</i>		<i>Who ruled the kingdom of Mercia?</i>
<b>Years 4 &amp; 5 INVESTIGATORS</b>		Cooking and Nutrition Study of food around the world/climates		Structure Build a bridge		Electrical Systems Light up day of the dead carnival masks
<b>Cross-curricular</b>		<i>What different land use do we see in different biomes and climate zones?</i>		<i>How did the railways change Britain?</i>  <i>Forces (S)</i>		<i>Electricity (S)</i> <i>Where would you rather holiday Spain or Mexico?</i>

<b>Years 5 &amp; 6 ENQUIRERS</b>		Cooking and Nutrition Making Tzatziki dips and Gyros		Mechanical Systems Pulleys/gears	Structures and Frames Construct a 3D city including computing to program, monitor and control an element	
<b>Cross-curricular</b>		<i>Who were the Greeks and what was their 'Eureka' moments?</i>		<i>Forces (S)</i>	<i>Where would you find the new city of 'Eureka' and why?</i>	<i>What did early Islamic civilisation give to the world?</i>