

## Design and Technology Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
FS2	Daily opportunities for exploring different materials and join them; evaluating existing products and replicating them.		<b>Mechanisms:</b> split pin  <b>Outcome:</b> Moving Easter card		<b>Structures:</b> joining and strengthening <b>Outcome:</b> Bird feeder	
Year 1		<b>Structures:</b> joining and strengthening  <b>Outcome:</b> Chair or a bed/ cot for a toy		<b>Mechanisms:</b> sliders, levers and wheel  <b>Outcome:</b> Moving picture of the Great fire of London	<b>Textiles:</b> sewing  <b>Outcome:</b> A puppet	
Year 2		<b>Structures:</b> strengthening  <b>Outcome:</b> Model of a playground	<b>Mechanisms:</b> wheels and axles  <b>Outcome:</b> Balloon buggies		<b>Food technology:</b> soup recipes  <b>Outcome:</b> soup	
Year 3		<b>Structures:</b> box packaging  <b>Outcome:</b> Packaging for a Christmas present or decoration	<b>Mechanisms:</b> Pneumatics  <b>Outcome:</b> pneumatic Egyptian character			<b>Food technology:</b> Seasonality and ingredients  <b>Outcome:</b> A savoury Greek dish
Year 4		<b>Electrical Systems:</b> switches and bulbs  <b>Outcome:</b> torch		<b>Food technology:</b> healthy foods  <b>Outcome:</b> Pizzas		<b>Textiles:</b> sewing  <b>Outcome:</b> Making a bag with recycled materials and a printed design
Year 5	<b>Mechanisms:</b> Cams  <b>Outcome:</b> Fairground ride		<b>Structures:</b> strengthening  <b>Outcome:</b> Bridges		<b>Textiles:</b> different stitches  <b>Outcome:</b> Bookmark of different stitches	
Year 6	<b>Textiles:</b> patterns and embellishments  <b>Outcome:</b> phone case			<b>Food technology:</b> sweet and savoury  <b>Outcome:</b> WW2 recipes	<b>Programming and Mechanisms:</b> Using Crumble controllers and gears	

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