

## BHM Design and Technology Curriculum Overview 2022-23



	Autumn		Spring		Summer	
<b>2 Year Olds</b>	<b>Food</b> <i>Baking – Apple Crumble</i>	<b>Structures</b> <i>Using hammers</i>	<b>Structures</b> <i>Using large and small blocks to create structures</i>		<b>Mechanisms</b> <i>Making Instruments</i>	
<b>Pre School</b>	<b>Joining</b> <i>Using split pins</i>	<b>Textiles</b> <i>Sewing Binca</i>	<b>Food</b> <i>Soup</i>	<b>Structures</b> <i>Building using large construction blocks</i>	<b>Mechanisms</b> <i>Levers</i>	
<b>Reception</b>	<b>Joining</b> <i>Different forms</i> <i>All About Me</i>		<b>Textiles</b> <i>The Moon</i> <i>Stuffed toys of the moon or alien</i>	<b>Mechanisms</b> <b>Hinge</b> <i>Drawbridge/doors, etc</i>	<b>Food</b> <i>Fruit kebabs</i> <i>Handa's Surprise</i>	<b>Structures</b> <i>Pirates</i> <i>Make a floatable boat</i>
<b>Year 1</b>	<b>Free Standing Structures</b> <b>Structures</b> <i>Sir Christopher Wren (1632)</i> <i>(See Curriculum Companion)</i>		<b>Mechanisms</b> <b>Sliders and levers</b> <i>Make a moving picture</i> <i>(See Curriculum Companion)</i>		<b>Food</b> <b>Preparing fruit and veg</b> <i>Portable snacks, e.g. wraps, sandwiches</i> <i>(See Curriculum Companion)</i>	
<b>Year 2</b>	<b>Mechanisms</b> <b>Wheels and axels</b> <i>Create a form of transport with wheels</i> <i>(See Curriculum Companion)</i>		<b>Textiles</b> <b>Templates and Joining</b> <i>Story Quilt</i> <i>Faith Ringgold (1985)</i>		<b>Food</b> <b>Preparing fruit and veg</b> <i>Cous cous</i> <i>(See Curriculum Companion)</i>	
<b>Year 3</b>	<b>Food</b> <b>Healthy and varied diet</b> <i>Vegetable Soup</i> <i>(See Curriculum Companion)</i>		<b>Electrical Systems</b> <b>App Control</b> <i>Make a robot/vehicle that is controlled using code</i> <i>(Lego Education Spike)</i> <i>(See Curriculum Companion)</i>		<b>Structures</b> <b>Frames</b> <i>Dame Zaha Mohammad Hadid (1950)</i> <i>(See Curriculum Companion)</i>	
<b>Year 4</b>	<b>Electrical Systems</b> <b>Simple circuits and switches</b> <i>Paper Circuits</i> <i>Christmas Card</i> <i>(See Curriculum Companion)</i>		<b>Food</b> <b>Healthy and varied diet</b> <i>Dips</i> <i>(See Curriculum Companion)</i>		<b>Mechanical Systems</b> <b>Levers and linkages</b> <i>Swing Bridge</i> <i>(Plank Lane, Leigh)</i>	

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<b>Year 5</b>	<b>Textiles</b> <i>Combining different fabric shapes</i> Make a mini, 3 piece Tudor doublet/vest	<b>Mechanical Systems</b> <i>Pulleys or gears</i> <i>(See Curriculum Companion)</i>	<b>Food</b> <i>Celebrating Culture and Seasonality</i> Make bread <i>(See Curriculum Companion)</i>
<b>Year 6</b>	<b>Electrical Systems</b> <i>More complex switches and circuits</i> Vehicle <i>(See Curriculum Companion)</i>	<b>Structures</b> <i>Frame structures</i> Kites <i>(See Curriculum Companion)</i>	<b>Food</b> <i>Celebrating Culture and Seasonality</i> Bolognese <i>(See Curriculum Companion)</i>