

BHM Design and Technology Curriculum Overview 2021-22



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

BHM Design and Technology Curriculum Overview 2021-22



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