



Design & Technology

	Autumn		Spring		Summer	
Early Years	Threading and cutting Connecting and joining construction kits	Cutting Cooking – mixing, pouring, stirring, spreading	Creating and improving using junk models Creating healthy biscuits	Joining pipe cleaners, hole punches Creating towers that are stable and improving	Designing mini-beasts/obstacle course and using their plans to create and improve	Folding and joining Sellotape/masking tape/ staplers etc for 3 bears and crowns
Year 1			<u>STRUCTURES</u> Flaps – create standing elements to make a scene	<u>MECHANISMS</u> Moving pictures – sliders, hinges, levers	<u>FOOD</u> Design and make a healthy breakfast	
Year 2			<u>MECHANISMS</u> Moving vehicles (tank) – wheels, axle, chassis		<u>TEXTILES</u> Family shield fabric pictures using running stitch	

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Year 3	<u>MECHANISMS</u> Pop-up/levers - greeting cards	<u>SHELL STRUCTURES (Kapow unit available)</u> Packaging for biscuits	<u>TEXTILES</u> Cross stitch and applique of Egyptian collars
Year 4	<u>STRUCTURES</u> Bridges or <u>Helmets</u>	<u>FOOD</u> Healthy and nutritional cooking Adapting a recipe	<u>DIGITAL WORLD</u> Mindful moments timer using micro:bit
Year 5	<u>TEXTILES</u> Using CAD to create cross stitch greeting cards	<u>MECHANISMS/ELECTRICAL STRUCTURE</u> Mars Rover – wheels and axles <i>Linked to space, forces, materials, chemical reactions</i>	<u>MECHANICAL SYSTEMS</u> <i>Gears and pulleys- gears making moving picture (dip in and out of Kapow)</i>
Year 6	<u>ELECTRICAL SYSTEMS</u> Children's nightlight <i>Linked to light and electricity</i> <u>Steady hand game</u>	<u>STRUCTURES</u> Earthquake resistant buildings <i>Linked to materials and earthquakes</i>	