



## DESIGN TECHNOLOGY LTP

23 -24	Autumn	Spring	Summer
Year 3	<b>MECHANISMS</b> Pop-up/Lever Greetings cards	<b>SHELL STRUCTURES</b> Packaging for biscuits Linked to Computer graphic design (Art Digital Media); Materials	<b>FOOD: Nutrition</b> Design a healthy sandwich Healthy Eating
Year 4	<b>FOOD</b> Healthy and nutritional cooking	<b>MECHANICAL SYSTEMS</b> Levers and linkages Onager Catapult Linked to Romans, Forces	<b>STRUCTURES</b> Viking Boats Linked to Vikings; Materials; Magnets (moving boats); Forces
Year 5	<b>TEXTILES – Using CAD</b> Cross-stitch greetings card	<b>MECHANISMS</b> <b>WHEELS AND AXLES</b> Mars Buggy Linked to Space, Forces, Materials, Chemical reactions	<b>MECHANICAL SYSTEMS</b> <b>PNEUMATICS</b> Mighty mascot Linked to Materials, Forces
Year 6	<b>ELECTRICAL SYSTEMS</b> Build a night light suitable for a child Linked to Light; Electricity	<b>FRAME STRUCTURES</b> Earthquake resistant buildings Linked to Materials; Earthquakes	<b>TEXTILES</b> Applique/sewing