

## Key Learning in Design and Technology: Year 2

Design				Make				Evaluate			
Autumn				Spring				Summer			
Food	Textiles	Structures	Mechanisms	Food	Textiles	Structures	Mechanisms	Food	Textiles	Structures	Mechanisms
				<b>Topic:</b> Explorers <b>End Product:</b> Junk Model Moon buggy (Wheels & Axels) <b>Objective and skills:</b> <ul style="list-style-type: none"> <li>Join appropriately for different materials and situations e.g. glue, tape.</li> <li>Try out different axle fixings and their strengths and weaknesses.</li> <li>Make vehicles with construction kits which contain free running wheels.</li> <li>Use a range of materials to create models with wheels and axles e.g. tubes, dowel, cotton reels.</li> <li>Cut dowel using hacksaw and bench hook.</li> <li>Attach wheels to a chassis using an axle.</li> <li>Fold, tear and cut paper and card.</li> <li>Cut along lines, straight and curved.</li> <li>Use a hole punch.</li> <li>Insert paper fasteners for card.</li> </ul>				<b>Topic:</b> Safari <b>End Product:</b> Safari animal hand puppet <b>Objective and skills:</b> <ul style="list-style-type: none"> <li>Cut out shapes which have been created by drawing round a template onto the fabric.</li> <li>Join fabrics by using e.g. running stitch, glue, staples, over sewing, tape.</li> <li>Decorate fabrics with attached items e.g. buttons, beads, sequins, braids, ribbons.</li> <li>Colour fabrics using a range of techniques e.g. fabric paints, printing, painting.</li> </ul>			
				<b>Resources</b> Wheels and Axels e.g. dowels and wooden Vehicle construction kits Hacksaw and bench hook Glue guns				<b>Resources</b> Card for templates Thread and needles Fabric glue Buttons, beads, sequins, braids, ribbons			