



Key Stage 1

	Design	Make	Evaluate	Techniques	Technical Knowledge	Cooking & Nutrition	Visit
Y1	<p>Musical instrument, – to shake, bang or pluck</p> <p>Sock puppet – as a character to use in a play/performance</p>	<p>using recycled materials, dowelling balloons, papier mache, elastic bands</p> <p>using sock, felt pieces, wool, buttons, textile scraps</p>	<p>Is it a strong structure? Does it make a loud or soft sound?</p> <p>Does it look like your design? Can you make it look like it's talking? Are all the parts attached securely?</p>	<p>cutting shaping joining</p>	<p>Building structures, making stronger and more stable</p> <p>Exploring and using mechanisms – levers, sliders, wheels, axles (with construction kits)</p>	 <p>Designing & making a healthy fruit salad</p>	<p>Tesco 'Where Food Comes From'</p>
Y2	<p>Model farm vehicle, using chassis</p> <p>Tie Dye Bookmark –design stitching to add</p>	<p>using wood, wooden axle, wheels, cardboard</p> <p>tie dye given cotton rectangle, using rubber bands, add stitching</p>	<p>Does it move freely? Is it sturdy?</p> <p>Is it attractive? Have you used the stitches you planned to?</p>	<p>cutting shaping joining</p>	<p>Building structures, making stronger and more stable</p> <p>Exploring and using mechanisms – levers, sliders, wheels, axles</p>	 <p>Designing & making a healthy biscuit with dried fruit</p>	<p>Tesco 'Where Food Comes From'</p>

KS1 Design & Technology Vocabulary:

product, structure, strong, sturdy, cutting, shaping, sawing, sanding, joining, attach, mechanisms – levers, sliders, wheels, axles, textiles, food groups – carbohydrates, proteins, fibre, sugars, fats, vitamins, minerals

KS2 Design & Technology Vocabulary:

KS1 vocabulary and...

cams, pneumatics, binker, embroidery thread, cross stitch, measuring accurately, shaduf, weaving, woven, loom, beams, gears, electrical systems, computing control

Key Stage 2

	Design	Make	Evaluate	Techniques	Technical Knowledge	Cooking & Nutrition	Visit
Y3	<p>A moving bug/creature, which makes a sound- using pneumatics and/or cams and computing control</p> <p>Cross stitch bookmark – design on squared paper</p>	<p>using recycled materials, card, coriflute, range of papers, wire, syringes, balloons, use computing control for sound of creature</p> <p>using binker and embroidery thread</p>	<p>Does your creature move in a realistic way? Is the finish attractive? Which stitches are the most attractive? How does it compare to your original design?</p>	<p>measuring accurately cutting shaping joining</p>	<p>strengthening of structure understand cams, pneumatics and computing control</p>	<p>Healthy Food Wheel</p> <p>Designing & making a healthy sandwich</p>	<p>Visit to school from Tesco Staff to explore breads and fillings</p>
Y4	<p>Model of a shaduf – in pairs</p> <p>Woven landscape</p>	<p>using wood (jetulong), string, recycled materials</p> <p>using card loom and wool</p>	<p>Is the container waterproof? Does it collect water effectively? Did you alter your original design? Is your weaving like your original design? What would you do differently?</p>	<p>measuring accurately cutting shaping joining</p> <p>simple weaving</p>	<p>strengthening of structure understand beams and levers</p>	<p>Healthy Food Wheel</p> <p>Designing & making a Healthy Pizza</p>	<p>Pizza Express</p>
Y5	<p>Model of working windmill or watermill - in group</p> <p>Felt heart pomander</p>	<p>using gears</p> <p>stitching and applique</p>	<p>Does the model windmill work? Is the structure stable? Is it attractive? Is it securely stitched?</p>	<p>measuring accurately cutting shaping, joining</p> <p>stitching applique</p>	<p>strengthening of structure understand gears</p>	<p>Healthy Food Wheel</p> <p>Designing & Making Bread</p>	<p>Visit to Sarehole Mill</p> <p>Tesco 'Feed Your Family on a budget'</p>
Y6	<p>Model of fairground ride – in group – using motor and computing control</p> <p>Textile wall hanging, based on William Morris/ nature designs</p>	<p>using gears, pulleys, levers, electrical systems, motors, use computing control</p> <p>stitching and fabric printing</p>		<p>measuring accurately cutting shaping, joining</p> <p>stitching fabric printing</p>	<p>understand and use electrical systems in their products</p>	<p>Healthy Food Wheel</p> <p>Designing and making a healthy cereal bar</p>	<p>Black Country Museum</p> <p>Tesco 'Feed Your Family on a budget'</p>