

Design and Technology Skills Key Stage 1

Materials and Components – Knowledge and Understanding	Developing, Planning and Communicating Ideas	<ul style="list-style-type: none"> • Follow verbal instructions • Explain what they are making and which materials they are using • Name the tools they are using • Describe what they need to do next • Select materials from a limited range that will meet the design criteria • Select and name the tools needed to work the materials • Select appropriate technique explaining First.....Next.....Last.... • Explore ideas by rearranging materials • Model ideas with kits, reclaimed materials • Select pictures to help develop ideas • Use pictures and words to convey what they want to design and make • Describe their models and drawings of ideas and intentions • Use kits/reclaimed materials to develop an idea • Use drawings to record ideas as they are developed • Discuss their work as it progresses • Add notes to drawings to help explanations
	Food	<ul style="list-style-type: none"> • Develop a food vocabulary using taste ,smell, texture and feel • Group familiar food products e.g. fruit and vegetables • Cut, peel, grate, chop a range of ingredients • Work safely and hygienically • Understand the need for a variety of foods in a diet • Measure and weigh food items, non statutory measures e.g. spoons, cups
	Textiles	<ul style="list-style-type: none"> • Colour fabrics using a range of techniques e.g. fabric paints, printing, painting • Cut out shapes which have been created by drawing round a template onto the fabric • Join fabrics by using running stitch, glue, staples ,over sewing, tape • Decorate fabrics with buttons, beads, sequins, braids, ribbons
	Construction	<ul style="list-style-type: none"> • Make vehicles with construction kits which contain free running wheels • Use a range of materials to create models with wheels and axles e.g. tubes, dowel, cotton reels • Attach wheels to a chassis using an axle • Join appropriately for different materials and situations e.g. glue, tape, • Mark out materials to be cut using a template • Cut strip wood/dowel using hacksaw and bench hook • See glue gun used by an adult
	Sheet materials	<ul style="list-style-type: none"> • Fold, tear and cut paper and card • Roll paper to create tubes • Cut along lines, straight and curved • Curl paper • Use hole punch • Insert paper fasteners for card linkages • Create hinges • Use simple pop ups • Investigate strengthening sheet materials • Investigate joinings temporary, fixed and moving
	Evaluating	<ul style="list-style-type: none"> • Say what they like and do not like about items they have made and attempt to say why • Talk about their designs as they develop and identify good and bad points • Talk about changes made during the making process • Discuss how closely their finished products meet their design criteria