

Progression of Skills: Design Technology - Year 2

Skills	
<u>Developing, Planning and Communicating Ideas</u>	
Across all units	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	
Materials and Components - Knowledge and Understanding	
Food	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
Textiles	Measure and weigh food items, non-standard measures e.g. spoons, cups
	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
Mechanisms: wheels and axles	Decorate fabrics with buttons, beads, sequins, braids, ribbons
	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
	Investigate strengthening sheet materials
Investigate joining - temporary, fixed and moving	
Evaluation	
Across all units	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