

Progression of Skills: Design Technology - Year 1

Learning Objective	
Across all units	Developing, Planning and Communicating Ideas
	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
	Select and name the tools
	Select appropriate technique explaining First, Next, Last
	Model ideas with kits, reclaimed materials
	Use pictures and words to convey what they want to design and make
	Describe their models and drawings
	Use kits/reclaimed materials to develop an idea
	Discuss their work as it progresses
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 and 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, using spoons, cups
Structures: freestanding	Fold, tear and cut paper and card
	Roll paper to create tubes
	Cut along lines, straight and curved
	Curl paper
	Join appropriately for different materials and situations e.g. glue, tape.
	Mark out materials to be cut using a template
	See glue gun used by an adult
Mechanisms: sliders and levers	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 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
	Discuss how closely their finished products meet their design criteria