

DESIGN AND TECHNOLOGY Curriculum Progression at Merebrook Infant School

Essential Learning Objective	EYFS			Year 1			Year 2		
	Knowledge	Skills	Key Vocabulary	Knowledge	Skills	Key Vocabulary	Knowledge	Skills	Key Vocabulary
To master practical skills	Know different construction materials: bricks, blocks, natural resources, duplo etc	Use various construction materials	Blocks Bricks Build materials	Safely means in a way that is not likely to cause or lead to harm or injury	Cut, peel or grate ingredients safely and hygienically.	Cut Peel Grate Safety Clean	Food hygiene are the conditions and measures necessary to ensure the safety of food	Cut, peel or grate ingredients safely and hygienically.	Cutting Shaping Safely Hygienically
	Join means to put together.	Join construction pieces together to build and balance	Join Together Pieces Balance	Accurately measure/weigh an item	Measure or weigh using measuring cups or electronic scales.	Measure Weigh Measuring cups/spoons Scale	By adding more, the weight will increase and by taking some away, the weight will decrease.	Measure or weigh using measuring cups or electronic scales.	Electronic scales Pounds Stones Kilograms Litres
	Scissors- cutting Glue stick- sticking	Realises tools can be used for a purpose	tools purpose	Different types of ingredients.	Assemble or cook ingredients.	Fruit Vegetable Ingredients Mix	Food can change when cooked (egg in cake)	Assemble or cook ingredients.	Combine Cook
				To handle tools in a way that won't cause harm	Cut materials safely using tools provided.	Safe tools	Know what precautions to take when cutting different materials.	Cut materials safely using tools provided.	Materials Safety
				The difference between techniques are the tools used (scissors-cutting/fingers-tearing)	Demonstrate a range of cutting and shaping techniques (such as tearing, cutting, folding and curling).	Cutting Shaping Tearing Folding Curling	A centimetre is a unit of length.	Measure and mark out to the nearest centimetre	Nearest Centimetre Measure Mark
				Lever- a long sturdy body that rests on a support Wheels- are disc or circle shaped devices that spin Winding mechanisms- consists of a spring attached to a winder	Create products using levers, wheels and winding mechanisms.	Lever Wheels Winding Mechanisms	Strengthen means to make something stronger, more forceful, more sufficient etc	Demonstrate a range of joining techniques (such as gluing, hinges or combining materials to strengthen).	Gluing Hinges Combining strengthen
							Textiles can be changed by using dye and other materials	Colour and decorate textiles using a number of techniques (such as dyeing, adding sequins or printing).	Decorate Textiles Dyeing Printing Sequins
							Drilling means- making a hole Screwing means- turning Gluing means- sticking Nailing means- hitting	Use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.	Materials Drilling Screwing Gluing Nailing
To design, make, evaluate and improve	Materials can move and achieve different effects	Manipulate materials to achieve a planned effect	Move Turn Rotate	A clear purpose is the reason why something is done or used	Design products that have a clear purpose and an intended use.	Aim purpose	Identify a products intention	Design products that have a clear purpose and an intended use.	clear purpose intended

	Knowing different resources have different purposes	Constructs with a purpose in mind, using a variety of resources	Purpose Different resources	Improve design ideas	Make products, refining the design as work progresses.	Better Improve change	Evaluate designs and improve designs	Make products, refining the design as work progresses.	Design Refine Progress Product
To take inspiration from design throughout history	Imagination	Use available resources to create props to support role-play	Props Stick Cut Glue Support	Identify means to find. Dislikes- don't like Likes- does like	Explore objects and designs to identify likes and dislikes of the designs.	Identify Likes dislikes	An object is something that is physical. It can cast a shadow. A design is an idea/plan	Explore objects and designs to identify likes and dislikes of the designs.	Explore Objects Identify
				Improvement means to make it better.	Suggest improvements to existing designs.	Improve design	Existing designs can be improved	Suggest improvements to existing designs.	Existing Improvement
				Create means to bring something into existence	Explore how products have been created.	Created Products Existence	Different products are made/created in different ways.	Explore how products have been created.	Explore Materials