



Curriculum Overview

Design and Technology

Reception

	AUTUMN		SPRING		SUMMER	
Expressive Arts and Design (Creating with Materials) ELG: *Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. *Share their creations, explaining the process they have used.						
<u>Topics</u>	AUTUMN ONE	AUTUMN TWO	SPRING ONE	SPRING TWO	SUMMER ONE	SUMMER TWO
	Ourselves, Our families & our school Harvest & Autumn	Terrific Tales Christmas	Day & Night	Superheroes-Real life and fictional	Growing and changing Mythical, Mystical and Magical Merriment	Dinosaurs Animals in hot and cold countries Farm animals Seaside
Expressive arts & design- creating with materials	Collage scarecrows	Make & decorate a gingerbread man biscuit Design a shoe (collage) Design Christmas wrapping paper		Junk model emergency service vehicles People who help us cone/lolly pop puppets Design a Spring plant pot Make & decorate an Easter biscuit	Design and create a dragon (painting & decorations e.g sequins)	Using templates create a split pin penguin
	Continuous EAD CM opportunities: Drawing & writing Trolley (pencils, pencil crayons, felts, wax crayons, scissors, glue, types of paper), Challenge Tray, Junk modelling, play dough, loose parts- natural materials, split pin challenges, Construction activities e.g Mobilo, Lego, Duplo					

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Year	Autumn	Spring	Summer
1	Construction or sheet material product linked to topic Fold, tear and cut paper/card. Roll paper to create tubes. Cut along lines curved and straight. Curl paper. Design, make and evaluate a room in a shoe box. 3D card house Design, make and evaluate a Christmas card.	Textiles product linked to topic Colour fabrics using fabric paints, printing, painting etc. Cut out shapes using a template Join fabrics using running stitch, glue, staples, over sewing and tape. Decorate fabrics with buttons, beads, sequins, braids and ribbons. Stuffed toy Helicopter	Food product linked to topic Cut, peel, grate and chop ingredients. Work safely and hygienically. Understand a balanced diet. Measure and weigh food items. Healthy fruit smoothie and fruit salads
2	Sheet materials product linked to topic Fold, tear and cut paper/card Roll paper to create tubes. Cut along lines curved and straight Curl paper. Insert paper fasteners for linkages Investigate strengthening sheet materials Investigate joining Shoebox diorama – hot or cold place	Food product linked to topic Plan ingredients to promote healthy eating Measure and weigh food items Follow instructions and select tools fit for purpose Work safely and hygienically Make and evaluate Design and cook a pizza	Textile project linked to topic Cut out shapes using a template Join fabrics using running stitch Start to choose and use appropriate finishing techniques based on own ideas Felt fish
3	Sheet materials product linked to topic Select from a wide range of materials and equipment. Apply knowledge of how to strengthen structures. Moving Christmas card	Food product linked to topic Design & make a chocolate based product. Follow instructions Combine ingredients Work safely and hygienically Chocolate bar and packaging	Textiles product linked to topic Understand seam allowance. Join fabrics using running stitch, over sewing and back stitch Explore fastenings and recreate some (for example sew on buttons and make loops). Create a simple pattern. Hand sewn bag
4	Sheet material product Design and communicate ideas through careful planning Make and evaluate picture using levers. Identifying the ways their moving picture could be improved Moving levers – make a page with a moving part from a story	Food project linked to topic. Prepare ingredients hygienically using utensils Measure ingredients accurately using grams/Kg Follow a recipe and mix ingredients Design, make and evaluate bread Viking Bread	Textiles product Focus on materials and components to make a product. Measure, mark, cut out and shape materials Assemble, join and combine the components and materials accurately Design a memento