

Topic Overview – Design and Technology

Year Group	Autumn		Spring		Summer	
Nursery	Portraits	Baking	Emergency vehicles	3 Pigs Houses	Clay houses	Habitats out of natural materials
Reception	Portraits	Collages – Nocturnal animals	Gruffalo paper bags	Hobby Horses	Van Gogh Sunflowers	Sharon Cummings Art work
Year 1		<u>Great Fire of London</u> Food Technology Baking gingerbread men and writing instructions		<u>Digging for Dinosaurs</u> Moving Mechanisms – To design and create a dinosaur mechanism		<u>Castles and Knights</u> Structures Plan, create and evaluate castles structures
Year 2		<u>Space Mechanisms</u> Create and evaluate a moon buggy – axles/wheels		<u>How Will We Remember You?</u> Vegetable Soup Taste food, choose appropriate tools to cook safely, evaluate and assess.		<u>Seaside Textiles</u> Evaluating and decorating Seaside Bags
Year 3	<u>Location, Location, Location</u> Structures Plan, design & evaluate a bridge for the River Thames			<u>A taste of the Mayans</u> Food/Paper-tech Research, design, create and evaluate Mayan chocolate wrapper		<u>A taste The Noble Nile</u> Pneumatics Create an opening Sarcophagus
Year 4			Invaders and settlers of Britain <u>Paper technology</u> Use levers, pivots and a box fold mechanism	<u>Invaders and settlers of Britain</u> Structures Investigate, create, strengthen, test and evaluate Aqueducts		<u>Beneath the Canopy</u> Electrical components Construct an electrical circuit and create a steady hand game
Year 5	<u>Tremendous Tudors</u> Textiles - Tudor Rose/Stitch To create a family symbol using back stitching and cross stitching			<u>Viva España!</u> Food (Spanish) Create, plan, prepare and cook a food dish. Understand knowledge around food groups and nutrients.	<u>What the Victorians Did For Us</u> Textiles - Rag Rugs Select from and use wide range of materials, produce detailed plans, create prototypes and evaluate work.	
Year 6		<u>World War 2</u> Modelling - shelters To research, plan, create, evaluate, alter Anderson Shelters	<u>Don't cry for me....Argentina!</u> Textiles – Weaving Research famous designers, apply knowledge of materials to refine and rework functional/aesthetic qualities.			<u>You're Hired!</u> Structures To create photo Frames/keepsakes.