

Design and Technology – Topics and Opportunities

	<u>Topics</u>			<u>School Trips and Other Opportunities</u>
Year 1 and 2 (Year A)	Pneumatic toy – Materials/Mechanics/History -Using tools, cutting and joining. Movement type. Materials/mechanics	Fruit Salad/Kebabs – Food – Cut, peel, grate/measuring, weighing	Movable Pages Mechanics – Levers/Wheels and Winding	Electricals- computing
Year 1 and 2 (Year B)	Handpuppets – Textiles Templates, sewing to join, dyeing/printing	Pitta Pizza – Food Chopping/cutting/measuring different toppings.	Fridge Magnets - Materials – Using tools, cutting and joining.	
Year 3 and 4 (Year A)	Soups/Salads/Dips - Food – Hygiene, measuring, following a recipe, assemble or cook ingredients	Boats Construction/Materials - Using cutting and joining for strength and structure	Chichester Advertisement– Electricals and Electronics – Simple Circuits and switches	Tourist Office/Chichester
Year 3 and 4 (Year B)	Roman Catapults Mechanics/Construction/Materials/History – Levers and linkages	Sustainable Bag – Textile/Materials Link to Art – sewing – joining/seams	Bread– Food /Enterprise – Hygiene, measuring, following a recipe, assemble or cook ingredients.	
Year 5 and 6 (Year A)	Movable vehicle – Mechanics/Construction/History Wheels/Frame Structures- (Electronics More complex systems and circuits)	Bridge Building Construction/Materials – Straws and triangulation/strength and design	Afternoon Tea (cakes) – Food/History Storing food, measuring,range of cooking and baking skills, refining recipes.	
Year 5 and 6 (Year B)	Moving Toys – Mechanics /Materials/ Construction Cam mechanisms	Global Food – Stir Fry Food Storing food, measuring,range of cooking and baking skills, refining recipes.	Bunting for performance - Textiles – Combining different fabric shapes –	