

Design and Technology – Topics and Opportunities

	<u>Topics</u>			<u>School Trips and Other Opportunities</u>
Year 1 and 2 (Year A)	Roly Poly Toy – Materials/Mechanics/History -Using tools, cutting and joining. Movement type. Materials/mechanics	Movable Pages Mechanics – Levers/Wheels and Winding	Fruit Salad/Kebabs – Food – Cut, peel, grate/measuring, weighing	Electricals- computing
Year 1 and 2 (Year B)	Poppies – Textiles Templates, sewing to join, dyeing/printing	Free Standing Construction -Construction – drilling, screwing, gluing and nailing to make and strengthen	Fridge Magnets - Materials – Using tools, cutting and joining.	
Year 3 and 4 (Year A)	Map of Chichester – Electricals and Electronics – Simple Circuits and switches	Photo Frame (Using recycled materials) Construction/Materials - Using tools, cutting and joining.	Soups/Salads/Dips - Food – Hygiene, measuring, following a recipe, assemble or cook ingredients (Ingredients grown in school allotment)	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. (Ingredients grown in school allotment)	
Year 5 and 6 (Year A)	Warfare Vehicle – Mechanics/Construction/History Wheels/Frame Structures-	Bridge Building Construction/Materials – Straws and triangulation	Afternoon Tea – Food/ History Storing food, measuring, range of cooking and baking skills, refining recipes.	Costumes for Performance Textiles – Combining different fabric shapes
Year 5 and 6 (Year B)	Moving Toys – Mechanics /Materials/ Construction Cam mechanisms	Electronics More complex systems and circuits	Global Food Food Storing food, measuring, range of cooking and baking skills, refining recipes. (Ingredients grown in school allotment)	Costumes for Performance Textiles – Waitrose – Food miles Goodwood farm shop