

Design and Technology Curriculum Overview – St. Anthony’s Primary School



Through a variety of creative and practical activities, pupils at St Anthony's are taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making.

Design Research, criteria, idea generation, idea development, models/ prototypes, diagrams,	Make Select and use appropriate tools and equipment, select materials and components, health and safety	Evaluate Explore existing products, evaluate against design criteria, evaluate own & others ideas, understand how events & individuals have shaped world of DT, feedback for improvements	Technical Knowledge (encompasses the contextual, historical and technical understanding needed for each unit)
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Year	Structures	Mechanisms	Textiles	Cooking & Nutrition	Electrical systems	Digital world
EYFS	Junk modelling	Simple paper slider mechanisms	Threading	Explore & become familiar with fruit & veg.		
				Unit – Soup		
Y1	<u>Unit 1 – Autumn Term</u> Constructing a windmill (prior learning – Junk modelling in EYFS)	<u>Unit 3 – Summer Term</u> Moving Story Book (prior learning – EYFS)		<u>Unit 2 – Spring Term</u> Smoothies (prior learning – EYFS unit soup)		
Y2		<u>Unit 3 – Summer Term</u> Making a moving monster (prior learning – Year 1 unit Story Book)	<u>Unit 2 – Spring Term</u> Pouches (prior learning – EYFS Spring flower spreading)	<u>Unit 1 Autumn Term</u> A Balanced Diet (prior learning – Year 1 unit smoothies)		
Y3		<u>Unit 1 Autumn Term</u> Pneumatic toys (prior learning – Year 2 moving monsters)	<u>Unit 2 Spring Term</u> Egyptian collars (prior learning Y2 Pouches)	<u>Unit 3 Summer Term</u> Eating seasonally – food miles (prior learning Y2 balanced diet)		
Y4	<u>Unit 1 Autumn Term</u> Pavilions (prior learning – Year 1 constructing a windmill)	<u>Unit 2 Spring Term</u> Making slingshot car (prior learning – Year 3 pneumatic toys)			<u>Unit 3 Summer Term</u> Torches	
Y5	<i>(K-Nex workshop in Spring Term)</i>	<u>Unit 1 Autumn Term</u> Making a pop-up book (prior learning – Y4 slingshot car)	<u>Unit 2 Spring Term</u> Stuffed toys (prior learning – Y3 Egyptian collars)	<u>Unit 3 Summer Term</u> Developing a recipe (prior learning Y3)		
Y6	<u>Unit 2 – Spring Term</u> Playgrounds (prior learning Y4 – Pavilions)			<u>Unit 3 – Summer Term</u> Come dine with me (prior learning Y5)		<u>Unit 1 Autumn Term</u> Navigating the world

