St James' Church of England Primary School and Nursery

Autumn 1	DT Project
Year 1	Design and make a fairy-tale house
Year 2	Build and evaluate a bridge
Year 3	Make and evaluate a roundhouse model
Year 4	Make Shuduf structures using research
Year 5	Pop up books
Year 6	Design and make a model of a trench

D&T Vocabulary Curriculum Map

Starting October 2024 – using Kapow to support the teaching of D&T

	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1 Theme		Cooking and nutrition: Smoothies		Textiles – puppets	
Year 1 Vocabulary		• fruit • vegetable • seed • leaf • root		• decorate • design • fabric • glue • model	.

		• stem • smoothie • healthy • carton • design • flavour • peel • slice		• hand puppet • safety pin • staple • stencil • template	
Year 2 Theme		Textiles – Pouches		Cooking – A Balanced Diet	
Year 2 Vocabulary		• decorate • fabric • fabric glue • knot • needle • needle threader • running stitch • sew • template • thread		• appearance • balanced • carbohydrates • chopping board • combination • cut • dairy • design • design brief • diet • evaluate • feel • fruit • grate • grater • ingredients • menu • oils • proteins • review • scissors • smell	

				• snip	
Year 3 Theme		Mechanical systems: Pneumatic toys (rainforest creature)		Cooking and nutrition – Eating seasonally	
Year 3 Vocabulary		• mechanism • lever • pivot • linkage system • pneumatic system • input • output • component • thumbnail sketch • research • adapt • properties • reinforce • motion		• appearance • arid • climate • complementary • country • cut • design • evaluate • export • fruit • grate • import • ingredients • Mediterranean • mock-up • mountain • peel • polar • seasonal • seasons • snip • taste • temperate • texture • tropical • vegetable • weather	

Year 4 Theme		Textiles: Fastenings (Children's clothing)		Electrical systems: Torches	
Year 4 Vocabulary		• aesthetic • assemble • book sleeve • design criteria • evaluation • fabric • fastening • mock-up • net • running stitch • stencil • target audience • target customer • texture • theme		• battery • bulb • buzzer • cell • component • conductor • copper • design criteria • electrical item • electricity • electronic item • function • insulator • series circuit • switch • test • torch • wire	
Year 5 Theme		Structure: Bridges (Water/oceans link)		Textiles: Stuffed toys (Woodland animals)	
Year 5 Vocabulary		• beam bridge • arch bridge • truss bridge • strength • technique		• accurate • annotate • appendage • blanket-stitch • design criteria	

		• corrugation • lamination • stiffness • rigid • factors • stability • visual appeal • aesthetics • joints • mark out • hardwood • softwood • wood file/rasp • sandpaper/glasspaper • bench hook/vice • tenon saw/coping saw • assemble • material properties • reinforce • wood sourcing • evaluate • quality of finish • accuracy		• detail • evaluation • fabric • sew • shape • stuffed toy • stuffing • template	
Year 6 Theme		Textiles: Waistcoats (Cooling clothes for in the desert)		Electrical Systems: Steady hand game	
Year 6 Vocabulary		• annotate • decorate • design criteria • fabric • target customer • waistcoat		• battery pack • benefit • bulb • bulb holder • buzzer • circuit • circuit symbol	

		• waterproof		• component • conductor • copper • design • design criteria • evaluation • fine motor skills • fit for purpose • form • function • gross motor skills • insulator • LED • user	