

St Thomas of Canterbury Design and Technology Vocabulary Map

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Mechanisms		Mechanisms: Moving story book Assemble Design Evaluation Mechanism Model Sliders Stencil Target audience Template Test	Mechanical systems: Yr1 - Wheels and axles Axle Axle holder Chassis Design Evaluation Fix Mechanic Mechanism Model Test Wheel Yr2 - Fairground wheel Axle Decorate Evaluation Ferris wheel Mechanism Stable Strong Test Waterproof Weak	Mechanical systems: Pneumatic toys Exploded-diagram Function Input Lever Linkage Mechanism Motion Net Output Pivot Pneumatic system Thumbnail sketch	Mechanical systems: Making a slingshot car Aesthetic Air resistance Chassis Design Design criteria Function Graphics Kinetic energy Mechanism Net Structure	Mechanical systems: Making a pop-up book Aesthetic Computer-aided design (CAD) Caption Design Design brief Design criteria Exploded-diagram Function Input Linkage Mechanism Motion Output Pivot Prototype Slider Structure Template	Mechanical systems: Automata toys Accurate Assembly-diagram Automata Axle Bench hook Cam Clamp Component Cutting list Diagram Dowel Drill bits Exploded-diagram Finish Follower Frame Function Hand drill Jelutong Linkage Mark out Measure Mechanism Model Research Right-angle Set square Tenon saw

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Structures	Structures: Junk Modelling	Structures: Constructing windmills Client Design Evaluation Net Stable Strong Test Weak Windmill	Structures: Baby bear's chair Function Man-made Mould Natural Stable Stiff Strong Structure Test Weak	Structures: Constructing a castle 2D shapes 3D shapes Castle Design criteria Evaluate Facade Feature Flag Net Recyclable Scoring Stable Strong Structure Tab Weak	Structures: Pavilions Aesthetic Cladding Design criteria Evaluation Frame structure Function Inspiration Pavilion Reinforce Stable Structure Target audience Target customer Texture Theme	Structures: Bridges Abutment Accurate Arched bridge Beam bridge Coping saw Evaluation File Mark out Material properties Measure Predict Reinforce Research Sandpaper Set square Suspension bridge Tenon saw Test Truss bridge Wood	Structures: Playgrounds Adapt Apparatus Bench hook Cladding Coping saw Design Dowel Evaluation Feedback Idea Jelutong Landscape Mark out Measure Modify Natural materials Plan view Playground Prototype Reinforce Sketch Strong Structure Tenon saw Texture User Vice

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Electrical systems					Electrical systems: Torches Battery Bulb Buzzer Cell Component Conductor Copper Design criteria Electrical item Electricity Electronic item Function Insulator Series circuit Switch Test Torch Wire	Electrical systems: Doodlers Battery Buzzer Circuit Coin cell battery Component Conductor Copper Design Design criteria Function Innovative Insulator LED Modify Series circuit Switch Target audience Test Wire	Electrical systems: Steady hand games Assemble Battery Battery pack Benefit Bulb Bulb holder Buzzer Circuit Circuit symbol Component Conductor Copper Design Design criteria Evaluation Fine motor skills Fit for purpose Form Function Gross motor skills Insulator LED User

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Textiles		Textiles: Puppets Decorate Design Fabric Glue Model Hand puppet Safety pin Staple Stencil Template	Textiles: Pouches Accurate Fabric Knot Pouch Running-stitch Sew Shape Stencil Template Thimble	Textiles: Cross stitch and applique (cushions) Accurate Applique Cross-stitch Cushion Decorate Detail Fabric Patch Running-stitch Seam Stencil Stuffing Target audience Target customer Target customer Template	Textiles: Fastenings Aesthetic Assemble Book sleeve Design criteria Evaluation Fabric Fastening Mock-up Net Running-stitch Stencil Target audience Target customer Template	Textiles: Stuffed toys Accurate Annotate Appendage Blanket-stitch Design criteria Detail Evaluation Fabric Sew Shape Stuffed toy Stuffing Template	Textiles: Waistcoats Accurate Adapt Annotate Design Design criteria Detail Fabric Fastening Knot Properties Running-stitch Seam Sew Shape Target audience Target customer Template Thread Unique Waistcoat Waterproof

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Food	different eat food fruit healthy mix spoon spread unhealthy vegetables	Food: Fruit and vegetables Blender Carton Fruit Healthy Ingredients Peel Peeler Recipe Slice Smoothie Stencil Template Vegetable	Food: Balanced diet Alternative Diet Balanced diet Evaluation Expensive Healthy Ingredients Nutrients Packaging Refrigerator Sugar Substitute	Food: Eating seasonally Climate Dry climate Exported Imported Mediterranean climate Nationality Nutrients Polar climate Recipe Seasonal food Seasons Temperate climate Tropical climate	Food: Adapting a recipe Adapt Budget Cooling rack Creaming Equipment Evaluation Flavour Ingredients Method Net Packaging Prototype Quantity Recipe Rubbing Sieving Target audience Unit of measurement Utilities	Food: What could be healthier? Beef Cross-contami nation Diet Ethical issues Farm Healthy Ingredients Method Nutrients Packaging Reared Recipe Research Substitute Supermarket Vegan Vegetarian Welfare	Food: Come dine with me Accompanimen t Collaboration Cookbook Cross-contami nation Equipment Farm Flavour Illustration Imperative-ve rb Ingredients Method Nationality Preparation Processed Reared Recipe Research Storyboard Target audience Top tips Unit of measurement