



Design and Technology  
 Progression of Vocabulary (by unit)  
 Year A and B

EYFS

Designing: Picture, drawing, use, discuss, idea, develop, model, template, structure.

Making: Experiment, change, tools, materials, use, construct, cut, fold, join, shape.

Evaluating: Materials, use, idea, improve, adapt, change, improve, extra, fix, weak, strong.

Technical Knowledge: Technology, tape, record, video, photograph, computer, iPad/tablet.

Cooking/nutrition: Food, meal, recipe, snack, healthy, diet, taste, try, balanced, investigate, not healthy, apron, chop, cut, equipment, fork, knife, spoon, mix, prepare, fruit and vegetable names, sensory vocabulary e.g., soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard, flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredients.

Year A – KS1

Food – Fruit and Vegetables	Mechanisms		Structures – Constructing a windmill	Textiles - puppets
Blender Carton Fruit Healthy Ingredients Peel Peeler Recipe Slice Smoothie Stencil Template Vegetable	Making a moving story book	Wheels and axles	Client Design Evaluation	Decorate Design Fabric Glue Model Hand puppet Safety pin Staple Stencil Template
	Assemble Design Evaluation Mechanism Model Sliders Stencil Target audience Template Test	Axle Axle holder Chassis Design Evaluation Fix Mechanic Mechanism Model Test Wheel	Net Stable Strong Test Weak Windmill	

Year A - LKS2						
Food – Eating seasonally	Electrical systems – Electric poster	Digital World – electronic charms		Mechanisms – Pneumatic toys	Structures – Constructing a castle	Textiles – Egyptian collars
Climate Dry climate Exported Imported Mediterranean climate Nationality Nutrients Polar climate Recipe Seasonal food Seasons Temperate climate Tropical climate	Battery Bulb Circuit Circuit component Crocodile wires Electrical product Electrical system Final design Information design Initial ideas Peer assessment Research Self-assessment Sketch	Analogue Badge CAD Control Design requirements Develop Digital Digital revolution Digital world Display Electronic Electronic products Fasten Feature Function Initiate Key features Layers Loops Micro: bit Electrical systems: Electric poster Battery Bulb Circuit Circuit component Crocodile wires	Electrical product Electrical system Final design Information design Initial ideas Peer assessment Research Self-assessment Sketch Monitor Net Point of sale Product Product design Program Sense Simulator Smart wearables Stand Technology Template Test User	Exploded diagram Function Input Lever Linkage Mechanism Motion Net Output Pivot Pneumatic system Thumbnail sketch	2D shapes 3D shapes Castle Design criteria Evaluate Façade Feature Flag Net Recyclable Scoring Stable Strong Structure Tab Weak	Accurate Applique Cross-stitch Cushion Decorate Detail Fabric Patch Running stitch Seam Stencil Stuffing Target audience Target customer Template

Year A - UKS2						
Food – What could be healthier?	Mechanical Systems – Making a pop-up book	Structures - Bridges	Textiles – stuffed toys	Electrical systems - Doodlers	Digital world – Monitoring devices	
Beef Cross-contamination Diet Ethical issues Farm Healthy Ingredients Method Nutrients Packaging Reared Recipe Research Substitute Supermarket Vegan Vegetarian Welfare	Aesthetic Computer-aided design (CAD) Caption Design Design brief Design criteria Exploded diagram Function Input Linkage Mechanism Motion Output Pivot Prototype Slider Structure Template	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	Accurate Annotate Appendage Blanket-stitch Design criteria Detail Evaluation Fabric Sew Shape Stuffed toy Stuffing Template	Circuit component Configuration Current Develop DIY Investigate Motor Motorised Problem solve Product analysis Series circuit Stable Target user	Alert Ambient Boolean Consumables Decompose Development Device Duplicate Durable Electronic Inventor Lightweight Man-made Manipulate Manoeuvre Microplastics Model Monitor Monitoring device Moulded	Plastic Plastic pollution Programming comment Programming loop Reformed Replica Research Sensor Strong Sustainability Synthetic Thermometer Thermoscope Value Variable Versatile Water-resistant Workplane

### Year B

Year B – KS1				
Food – A balanced diet	Mechanisms		Structures – Baby bear’s chair	Textiles - pouches
Alternative Diet Balanced diet Evaluation Expensive Healthy Ingredients Nutrients Packaging Refrigerator	Making a moving monster	Fairground wheel	Function Man-made	Accurate Fabric
	Evaluation	Axle	Mould Natural	Knot Pouch
	Input	Decorate	Stable	Running-stitch
	Lever	Evaluation	Stiff	Sew
	Linear motion	Ferris wheel	Strong Structure	Shape Stencil
	Linkage	Mechanism	Test	Template
	Mechanical	Stable	Weak	Thimble
	Mechanism	Strong		
	Motion	Test		

Sugar Substitute	Oscillating motion Output Pivot Reciprocating motion Rotary motion Survey	Waterproof Weak		
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Year B - LKS2						
Food – Adapting a recipe	Mechanical systems – Making a slingshot car	Structures - Pavilions	Textiles	Electrical systems - Torches	Digital world – Mindful moments timer	
Adapt Budget Cooling rack Creaming Equipment Evaluation Flavour Ingredients Method Net Packaging Prototype Quantity Recipe Rubbing Sieving Target audience Unit of measurement Utilities	Aesthetic Air resistance Chassis Design Design criteria Function Graphics Kinetic energy Mechanism Net Structure	Aesthetic Cladding Design criteria Evaluation Frame structure Function Inspiration Pavilion Reinforce Stable Structure Target audience Target customer Texture Theme	Aesthetic Assemble Book sleeve Design criteria Evaluation Fabric Fastening Mock-up Net Running-stitch Stencil Target audience Target customer Template	Battery Bulb Buzzer Cell Component Conductor Copper Design criteria Electrical item Electricity Electronic item Function Insulator Series circuit Switch Test Torch Wire	2D Advantage Assemble Block Brand identity Branding Bug CAD Cheap Clipart Coding Criteria Debug Design Develop Disadvantage Ergonomic Evaluate Form Function	Instructions Join Logo Loop Mindfulness Model Net Pause Process Program Prototype Research Sketchpad Template Test Timer User Variable

Year B - UKS2						
Food – Come dine with me	Mechanical Systems – Automata toys	Structures - Playgrounds	Textiles - Waistcoats	Digital world: Navigating the world		Electrical systems – Steady hand game
Accompaniment Collaboration Cookbook Cross-contamination Equipment Farm Flavour Illustration Imperative verb Ingredients Method Nationality Preparation Processed Reared Recipe Research Storyboard Target audience Top tips Unit of measurement	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	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 Weak	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	3D CAD Application (apps) Biodegradable Boolean Cardinal compass Client Compass Concept Convince Corrode Duplicate Environmentally friendly Equipment Feature Finite Function Functional GPS tracker If statement Infinite	Investment Lightweight Loop Manufacture Materials (wood, metal, plastic etc.) Mouldable Navigation Non-recyclable Product lifecycle Product lifespan Program Recyclable Smart Sustainable Sustainable design Unsustainable design Variable Workplane	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