



Leigh and Bransford Primary Vocabulary Progression

Design and Technology

EYFS:
Food: ingredients, weigh, mix, measure, knead, bake, healthy **Textiles:** Fabric, collage, design, glue, **Mechanisms:** join, split pins, assemble, test **Structures:** join, materials, natural, man-made, test, strong.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<p>Food: Fruit and vegetables</p> <ul style="list-style-type: none"> ● Blender ● Carton ● Fruit ● Healthy ● Ingredients ● Peel ● Peeler ● Recipe ● Slice ● Smoothie ● Stencil ● Template, Vegetable <p>Mechanisms: Making a moving story book</p> <ul style="list-style-type: none"> ● Assemble ● Design ● Evaluation ● Mechanism ● Model ● Sliders ● Stencil ● Target audience ● Template ● Test <p>Structures: Constructing a windmill</p> <ul style="list-style-type: none"> ● Client ● Design 	<p>Food: A balanced diet</p> <ul style="list-style-type: none"> ● Alternative ● Diet ● Balanced diet ● Evaluation ● Expensive ● Healthy ● Ingredients ● Nutrients ● Packaging ● Refrigerator ● Sugar ● Substitute <p>Mechanisms: Making a moving monster</p> <ul style="list-style-type: none"> ● Evaluation ● Input ● Lever ● Linear motion ● Linkage ● Mechanical ● Mechanism ● Motion ● Oscillating motion ● Output ● Pivot ● Reciprocating motion ● Rotary motion ● Survey 	<p>Food: Eating seasonally</p> <ul style="list-style-type: none"> ● Climate ● Dry climate ● Exported ● Imported ● Mediterranean climate ● Nationality ● Nutrients ● Polar climate ● Recipe ● Seasonal food ● Seasons ● Temperate climate ● Tropical climate <p>Structures: Constructing a castle</p> <ul style="list-style-type: none"> ● 2D shapes ● 3D shapes ● Castle ● Design criteria ● Evaluate ● Facade ● Feature ● Flag ● Net ● Recyclable ● Scoring ● Stable ● Strong ● Structure 	<p>Food: Adapting a recipe</p> <ul style="list-style-type: none"> ● Adapt ● Budget ● Cooling rack ● Creaming ● Equipment ● Evaluation ● Flavour ● Ingredients ● Method ● Net ● Packaging ● Prototype ● Quantity ● Recipe ● Rubbing ● Sieving ● Target audience ● Unit of measurement ● Utilities <p>Structures: Pavilions</p> <ul style="list-style-type: none"> ● Aesthetic ● Cladding ● Design criteria ● Evaluation ● Frame structure ● Function ● Inspiration ● Pavilion 	<p>Food: What could be healthier?</p> <ul style="list-style-type: none"> ● Beef ● Cross-contamination ● Diet ● Ethical issues ● Farm ● Healthy ● Ingredients ● Method ● Nutrients ● Packaging ● Reared ● Recipe ● Research ● Substitute ● Supermarket ● Vegan ● Vegetarian ● Welfare <p>Mechanical systems: Making a pop-up book</p> <ul style="list-style-type: none"> ● Aesthetic ● Computer-aided design (CAD) ● Caption ● Design ● Design brief ● Design criteria ● Exploded-diagram ● Function ● Input 	<p>Food: Come dine with me</p> <ul style="list-style-type: none"> ● Accompaniment ● Collaboration ● Cookbook ● Cross-contamination ● Equipment ● Farm ● Flavour ● Illustration ● Imperative-verb ● Ingredients ● Method ● Nationality ● Preparation ● Processed ● Reared ● Recipe ● Research ● Storyboard ● Target audience ● Top tips <p>Mechanical systems: Automata toys</p> <ul style="list-style-type: none"> ● Accurate ● Assembly-diagram ● Automata ● Axle ● Bench hook ● Cam ● Clamp

<ul style="list-style-type: none"> ● Evaluation ● Net ● Stable ● Strong ● Test ● Weak ● Windmill <p>Textiles:</p> <p>Puppets</p> <ul style="list-style-type: none"> ● Decorate ● Design ● Fabric ● Glue ● Model ● Hand puppet ● Safety pin ● Staple ● Stencil ● Template <p>Mechanisms:</p> <p>Wheels and axles</p> <ul style="list-style-type: none"> ● Axle ● Axle holder ● Chassis ● Design ● Evaluation ● Fix ● Mechanic ● Mechanism ● Model ● Test ● Wheel 	<p>Structures:</p> <p>Baby bear's chair</p> <ul style="list-style-type: none"> ● Function ● Man-made ● Mould ● Natural ● Stable ● Stiff ● Strong ● Structure ● Test ● Weak <p>Textiles:</p> <p>Pouches</p> <ul style="list-style-type: none"> ● Accurate ● Fabric ● Knot ● Pouch ● Running-stitch ● Sew ● Shape ● Stencil ● Template ● Thimble <p>Mechanisms:</p> <p>Fairground wheel</p> <ul style="list-style-type: none"> ● Axle ● Decorate ● Evaluation ● Ferris wheel ● Mechanism ● Stable ● Strong ● Test ● Waterproof ● Weak 	<ul style="list-style-type: none"> ● Tab ● Weak <p>Textiles:</p> <p>Cushions</p> <ul style="list-style-type: none"> ● Accurate ● Applique ● Cross-stitch ● Cushion ● Decorate ● Detail ● Fabric ● Patch ● Running-stitch ● Seam ● Stencil ● Stuffing ● Target audience ● Target customer ● Template <p>Electrical systems:</p> <p>Static electricity</p> <ul style="list-style-type: none"> ● Attract ● Component ● Constructive-criticism ● Design criteria ● Electrostatic ● Evaluation ● Feedback ● Motion ● Repel ● Target audience ● Test <p>Mechanical systems:</p> <p>Pneumatic toys</p> <ul style="list-style-type: none"> ● Exploded-diagram ● Function ● Input ● Lever ● Linkage ● Mechanism ● Motion ● Net ● Output 	<ul style="list-style-type: none"> ● Reinforce ● Stable ● Structure ● Target audience ● Target customer ● Texture ● Theme <p>Textiles:</p> <p>Fastenings</p> <ul style="list-style-type: none"> ● Aesthetic ● Assemble ● Book sleeve ● Design criteria ● Evaluation ● Fabric ● Fastening ● Mock-up ● Net ● Running-stitch ● Stencil ● Target audience ● Target customer ● Template <p>Electrical systems:</p> <p>Torches</p> <ul style="list-style-type: none"> ● Battery ● Bulb ● Buzzer ● Cell ● Component ● Conductor ● Copper ● Design criteria ● Electrical item ● Electricity ● Electronic item ● Function ● Insulator ● Series circuit ● Switch ● Test ● Torch ● Wire 	<ul style="list-style-type: none"> ● Linkage ● Mechanism ● Motion ● Output ● Pivot ● Prototype ● Slider ● Structure ● Template <p>Textiles:</p> <p>Stuffed toys</p> <ul style="list-style-type: none"> ● Accurate ● Annotate ● Appendage ● Blanket-stitch ● Design criteria ● Detail ● Evaluation ● Fabric ● Sew ● Shape ● Stuffed toy ● Stuffing ● Template <p>Electrical systems:</p> <p>Electronic greeting cards</p> <ul style="list-style-type: none"> ● Battery ● Buzzer ● Circuit ● Coin cell battery ● Component ● Conductor ● Copper ● Design ● Design criteria ● Function ● Innovative ● Insulator ● LED ● Modify ● Series circuit ● Switch ● Target audience ● Test 	<ul style="list-style-type: none"> ● 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 <p>Textiles:</p> <p>Waistcoats</p> <ul style="list-style-type: none"> ● 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
---	---	---	---	--	--

			<ul style="list-style-type: none"> ● Pivot ● Pneumatic system ● Thumbnail sketch <p>Digital world:</p> <p>Electronic charms</p> <ul style="list-style-type: none"> ● 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 Monitor ● Net ● Point of sale ● Product ● Product design ● Program ● Sense ● Simulator ● Smart wearables ● Stand ● Technology ● Template ● Test ● User 	<p>Mechanical systems:</p> <p>Making a slingshot car</p> <ul style="list-style-type: none"> ● Aesthetic ● Air resistance ● Chassis ● Design ● Design criteria ● Function ● Graphics ● Kinetic energy ● Mechanism ● Net ● Structure <p>Digital world:</p> <p>Mindful moments timer</p> <ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Wire <p>Structures:</p> <p>Bridges</p> <ul style="list-style-type: none"> ● 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 <p>Digital world:</p> <p>Monitoring devices</p> <ul style="list-style-type: none"> ● Alert ● Ambient ● Boolean ● Consumables ● Decompose ● Development ● Device ● Duplicate ● Durable ● Electronic ● Inventor ● Lightweight ● Man-made ● Manipulate ● Manoeuvre ● Microplastics ● Model ● Monitor ● Monitoring device ● Moulded 	<p>Electrical systems:</p> <p>Steady hand game</p> <ul style="list-style-type: none"> ● 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 <p>Structures:</p> <p>Playgrounds</p> <ul style="list-style-type: none"> ● Adapt ● Apparatus ● Bench hook ● Cladding ● Coping saw ● Design ● Dowel ● Evaluation ● Feedback ● Idea ● Jelutong ● Landscape ● Mark out ● Measure ● Modify ● Natural materials ● Plan view
--	--	--	---	---	--	--

				<ul style="list-style-type: none"> ● Program ● Prototype ● Research ● Sketchpad ● Template ● Test ● Timer ● User ● Variable 	<ul style="list-style-type: none"> ● Plastic ● Plastic pollution ● Programming comment ● Programming loop ● Reformed ● Replica ● Research ● Sensor ● Strong ● Sustainability ● Synthetic ● Thermometer ● Thermoscope ● Value ● Variable ● Versatile ● Water-resistant ● Workplane 	<ul style="list-style-type: none"> ● Playground ● Prototype ● Reinforce ● Sketch ● Strong ● Structure ● Tenon saw ● Texture ● User ● Vice ● Weak <p>Digital world: Navigating the world</p> <ul style="list-style-type: none"> ● 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
--	--	--	--	--	---	--

						<ul style="list-style-type: none">• Recyclable• Smart• Sustainable• Sustainable design• Unsustainable design• Variable• Workplane
--	--	--	--	--	--	---