

Bitterley Church of England Primary School

“Be courageous; be strong. Do everything in love” (1 Corinthians 16:13-14)



Vocabulary should include key words below. Each year should build on previous years' language. Children should be able to use the language accurately and effectively to communicate their ideas, intentions, reflections and outcomes.

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| Year EYFS/1 | Structures Junk Modelling <ul style="list-style-type: none"> ● Join ● Stick ● Cut ● Bend ● Slot ● Scissors ● Measure ● Materials ● Fix | Textiles: Puppets <ul style="list-style-type: none"> ● Decorate ● Design ● Fabric ● Glue ● Model ● Hand puppet ● Safety pin ● Staple ● Stencil ● Template | Food and nutrition: Smoothies <ul style="list-style-type: none"> Blender ● Carton ● Fruit ● Healthy ● Ingredients ● Peel ● Peeler ● Recipe ● Slice ● Smoothie ● Stencil ● Template ● Vegetable | Bookmarks <ul style="list-style-type: none"> ● Thread ● Weave ● Pattern ● Sew ● Sewing needle ● Embroider ● Design ● Evaluate | Mechanisms: Wheels and axles <ul style="list-style-type: none"> ● Axle ● Axle holder ● Chassis ● Design ● Evaluation ● Fix ● Mechanic ● Mechanism ● Model ● Test ● Wheel | Structures: Constructing Windmills <ul style="list-style-type: none"> ● Client ● Design ● Evaluation ● Net ● Stable ● Strong ● Test ● Weak ● Windmill |
| Year 2 | Mechanisms: Making a moving monster <ul style="list-style-type: none"> ● Evaluation ● Input ● Lever ● Linear motion ● Linkage ● Mechanical ● Mechanism ● Motion ● Oscillating motion ● Output ● Pivot ● Reciprocating motion ● Rotary motion ● Survey | Mechanisms: Fairground wheel <ul style="list-style-type: none"> ● Axle ● Decorate ● Evaluation ● Ferris wheel ● Mechanism ● Stable ● Strong ● Test ● Waterproof ● Weak | Balanced diet <ul style="list-style-type: none"> ● Alternative ● Diet ● Balanced diet ● Evaluation ● Expensive ● Healthy ● Ingredients ● Nutrients ● Packaging ● Refrigerator ● Sugar ● Substitute | Mechanisms: Making a moving monster <ul style="list-style-type: none"> ● Evaluation ● Input ● Lever ● Linear motion ● Linkage ● Mechanical ● Mechanism ● Motion ● Oscillating motion ● Output ● Pivot ● Reciprocating motion ● Rotary motion ● Survey | Mechanisms: Fairground wheel <ul style="list-style-type: none"> ● Axle ● Decorate ● Evaluation ● Ferris wheel ● Mechanism ● Stable ● Strong ● Test ● Waterproof ● Weak | Food and nutrition Balanced diet <ul style="list-style-type: none"> ● Alternative ● Diet ● Balanced diet ● Evaluation ● Expensive ● Healthy ● Ingredients ● Nutrients ● Packaging ● Refrigerator ● Sugar ● Substitute |

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| <p>Year 3/4</p> | <p>Mechanical systems: Pneumatic toys</p> <ul style="list-style-type: none"> ● Exploded-diagram ● Function ● Input ● Lever ● Linkage ● Mechanism ● Motion ● Net ● Output ● Pivot ● Pneumatic system ● Thumbnail sketch | <p>Electrical systems: 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 | <p>Textiles: Egyptian collars:</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>Mindful moments timer:</p> <ul style="list-style-type: none"> ● Advantage ● Annotate ● Assemble ● Aesthetic ● Block ● Brand identity ● Brand ● Bug ● CAD ● Clipart ● Coding ● Criteria ● Debug ● Design ● Develop ● Disadvantage ● Display ● Ergonomic ● Evaluate ● Exhibition ● Feedback ● Form ● Function ● Join ● Logo ● Loop ● Mindfulness ● Model ● Net ● Product ● Program ● Prototype ● Research ● Script ● Sketchpad ● Test ● Timer ● User ● Variable | <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 ● Tab ● Weak | <p>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>Year 5/6</p> | <p>Electrical systems 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 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>Food and nutrition Developing a recipe:</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>Textiles 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>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 ● | <p>Automata toys:</p> <ul style="list-style-type: none"> ● 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 |

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