

Ebchester CE Primary School

Progression of Vocabulary – *Design and Technology*



	By the end of Year 2	By the end of Y4	By the end of Y6
Mechanisms (KS1)	<p>Slider, lever, pivot, slot, bridge/ guide</p> <p>Card, masking tape, paper fastener, join</p> <p>Push, pull, up, down, straight, curve, forwards, backwards</p> <p>Design, make, evaluate, user, purpose, ideas, design criteria, product, function</p>	N/A	N/A
Structures	<p>Cut, fold, join, fix</p> <p>Structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved</p> <p>Metal, wood, plastic</p> <p>Circle, triangle, square, rectangle, cuboid, cube, cylinder</p> <p>Design, make, evaluate, user, purpose, ideas, design criteria, product, function</p>	<p>Shell structure, three-dimensional (3D), shape, net, cube, cuboid, prism, vertex, edge, face, length, width, breadth, capacity.</p> <p>Marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, reduce, reuse, recycle, corrugated, ribbing, laminating</p> <p>Font, lettering, text, graphics, decision, evaluating, design brief, design criteria, innovative, prototype</p>	<p>Frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent</p> <p>Design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional</p>

Food	<p>Fruit and vegetable names Names of utensils and equipment</p> <p>Sensory vocabulary e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard</p> <p>Flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredients, planning, investigating, tasting, arranging, popular, design, evaluate, criteria</p>	<p>Name of products, names of equipment, utensils, techniques and ingredients</p> <p>Texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy,, moist, cook, fresh, savoury</p> <p>Hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested, healthy/ varied diet</p> <p>Planning, design criteria, purpose, user, annotated sketch, sensory evaluation</p>	<p>Ingredients, yeast, dough, bran, flour, oatmeal, unleavened, baking soda, spice, herbs</p> <p>Fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality</p> <p>Utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble</p> <p>Design specification, innovative, appealing, design brief, research, evaluate, ideas, constraints, investigate</p>
Textiles	<p>Names of existing products, joining and finishing techniques, tools, fabrics and components</p> <p>Template, pattern pieces, mark out, join, decorate, finish</p> <p>Features, suitable, quality mock-up, design brief, design criteria, make, evaluate, user, purpose, function</p>	<p>Fabric, names of fabric, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, allowance</p> <p>User, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function, pattern pieces</p>	<p>Seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces</p> <p>Name of textiles and fastening used, pins, needles, thread, pinking shears, fastening, iron transfer, paper</p> <p>Design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype</p>

Mechanical Systems (KS2)	N/A	<p>Mechanism, lever, linkage, pivot, slot, bridge, guide</p> <p>System, input, process, output</p> <p>Linear, rotary, oscillating, reciprocating</p> <p>User, purpose, function</p> <p>Prototype, design criteria, innovative, appealing, design brief</p>	<p>Cam, snail cam, off-centre cam, peg cam, pear shaped cam</p> <p>Follower, axle, shaft, crank, handle, housing, framework</p> <p>Rotation, rotary motion, oscillating motion, reciprocating motion</p> <p>Annotated sketches, exploded diagrams</p> <p>Mechanical systems, input movement, process, output movement</p> <p>Design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief</p>
Electrical Systems (KS2)	N/A	<p>Series circuit, fault, connection, toggle, switch, push-to-make switch, push-to-break switch, battery, battery holder, bulb, bulb holder, wire, insulator, conductor, crocodile clip</p> <p>Control, program, system, input device, output device</p> <p>User, purpose, function, prototype, design criteria, innovative, appealing, design brief</p>	<p>Series circuit, parallel circuit, names of switches and components, input device, output device, system, monitor, control, program, flowchart</p> <p>Function, innovative, design specification, design brief, user, purpose</p>