



# Design Technology Vocabulary Progression

		Textiles	Food	Mechanisms	Structures	Electrical Systems
Key Stage One	Cycle A		<p><b><u>preparing fruit and vegetables</u></b>            fruit and vegetable names, names of equipment and utensils            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, planning, investigating tasting, arranging, popular, design, evaluate, criteria</p>	<p><b><u>Sliders and Levers</u></b>            slider, lever, pivot, slot, bridge/guide            card, masking tape, paper fastener, join            pull, push, up, down, straight, curve, forwards, backwards            design, make, evaluate, user, purpose, ideas, design criteria, product, function</p>	<p><b><u>Freestanding structures</u></b>            cut, fold, join, fix            structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved            metal, wood, plastic            circle, triangle, square, rectangle, cuboid, cube, cylinder            design, make, evaluate, user, purpose, ideas, design criteria, product, function</p>	
	Cycle B	<p><b><u>Templates and joining</u></b>            names of existing products, joining and finishing techniques, tools, fabrics and components            template, pattern pieces, mark out, join, decorate, finish            features, suitable, quality mock-up, design brief, design criteria, make, evaluate, user, purpose, function</p>	<p><b><u>preparing fruit and vegetables</u></b>            fruit and vegetable names, names of equipment and utensils            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, planning, investigating tasting, arranging, popular, design, evaluate, criteria</p>	<p><b><u>Wheels and axles</u></b>            vehicle, wheel, axle, axle holder, chassis, body, cab            assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism            names of tools, equipment and materials used            design, make, evaluate, purpose, user, criteria, functional</p>		

<b>Lower Key Stage Two</b>	<b>Cycle A</b>	<p><b><u>2D shape to 3D product</u></b> fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function, pattern pieces</p>	<p><b><u>Healthy &amp; varied diet</u></b> name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>		<p><b><u>Shell structures</u></b> shell structure, three-dimensional (3-D) shape, net, cube, cuboid, prism, vertex, edge, face, length, width, breadth, capacity marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, reduce, reuse, recycle, corrugating, ribbing, laminating font, lettering, text, graphics, decision, evaluating, design brief design criteria, innovative, prototype</p>	
	<b>Cycle B</b>		<p><b><u>Healthy &amp; varied diet</u></b> name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet planning, design criteria, purpose, user, annotated sketch, sensory evaluations</p>	<p><b><u>Levers &amp; linkages</u></b> mechanism, lever, linkage, pivot, slot, bridge, guide system, input, process, output linear, rotary, oscillating, reciprocating user, purpose, function prototype, design criteria, innovative, appealing, design brief</p>		<p><b><u>Simple circuits &amp; switches</u></b> series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, light emitting diode (LED), bulb, bulb holder, USB cable, wire, insulator, conductor, crocodile clip control, program, system, input device, output device, process user, purpose, function, prototype, design criteria, innovative, appealing, design brief</p>
<b>Upper Key Stage Two</b>	<b>Cycle A</b>	<p><b><u>Combining different fabric shapes</u></b> seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings, iron transfer paper design criteria, annotate, design decisions, functionality, innovation, authentic, user,</p>	<p><b><u>Celebrating culture &amp; seasonality</u></b> ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble design specification, innovative, research, evaluate, design brief</p>		<p><b><u>Frame structures</u></b> frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional</p>	

	<b>Cycle B</b>	<p>purpose, evaluate, mock-up, prototype</p> <p>(Year 5 Only- repeated each year)</p>	<p><b><u>Celebrating culture &amp; seasonality</u></b></p> <p>ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble design specification, innovative, research, evaluate, design brief</p>	<p><b><u>Pulleys or gears</u></b></p> <p>pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor circuit, switch, circuit diagram annotated drawings, exploded diagrams mechanical system, electrical system, input, process, output design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief</p>		<p><b><u>More complex switches &amp; switches</u></b></p> <p>series circuit, parallel circuit, names of switches and components, input device, output device, system, monitor, control, program, flowchart function, innovative, design specification, design brief, user, purpose</p>
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