

	FOOD & NUTRITION	MECHANISMS	TEXTILES	STRUCTURES	ELECTRICAL SYSTEMS
<p>YEAR 1</p>	<p>Preparing Fruit and Vegetables fruit and vegetable names, names of equipment and utensils.</p> <p>Sensory vocabulary: soft, juicy, sweet, sour, hard.</p> <p>skin, seed, slicing, cutting, squeezing, healthy diet, ingredients, planning, investigating, tasting, arranging, design, evaluate</p>	<p>Wheels and Axles vehicle, wheel, axle, chassis, body</p> <p>assembling, cutting, joining, shaping, finishing, fixed, free, moving</p> <p>design, make, evaluate, purpose, user</p>	<p>Templates and Joining Techniques 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, design, make, evaluate, purpose, user, function</p>		
<p>YEAR 2</p>	<p>Preparing Fruit and Vegetables fruit and vegetable names, names of equipment and utensils.</p> <p>Sensory vocabulary: soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard.</p> <p>flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, ingredients, planning, investigating, tasting, arranging, popular, design, evaluate, criteria</p>	<p>Sliders and Levers slider, lever, pivot, slot, bridge/guide</p> <p>card, masking tape, paper fastener, join</p> <p>pull, push, up, down, straight, curve, forwards, backwards</p> <p>design, make, evaluate, user, purpose, ideas, design criteria, product, function</p>		<p>Freestanding Structures 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>	

				design, make, evaluate, user, purpose, ideas, design criteria, product, function	
YEAR 3	<p>Healthy and Varied Diet 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 evaluations</p>		<p>2-D Shape to 3-D Product fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance</p> <p>user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, aesthetics, function, pattern pieces</p>	<p>Shell Structures shell structure, three-dimensional (3-D), 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, corrugating, ribbing, laminating</p> <p>font, lettering, text, graphics, decision</p> <p>evaluating, design brief, design criteria, innovative, prototype</p>	
YEAR 4	<p>Healthy and Varied Diet 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>Pneumatics components, fixing, attaching, tubing, syringe, plunger, split pin, paper fastener</p> <p>pneumatic system, input movement, process, output movement, control, compression, pressure, inflate, deflate, pump, seal, air-tight</p> <p>linear, rotary, oscillating, reciprocating</p>			<p>Simple Circuits and Switches 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>

	planning, design criteria, purpose, user, annotated sketch, sensory evaluations	user, purpose, function, prototype, design criteria, innovative, appealing, design brief, research, evaluate, ideas, constraints, investigate			
YEAR 5	<p>Celebrating Culture and Seasonality ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs</p> <p>fat, sugar, carbohydrates, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality</p> <p>utensils, combine, fold, knead, stir, pour, mix, whisk, beat, roll out, shape, sprinkle, crumble</p> <p>design specification, innovative, research, evaluate, design brief</p>			<p>Monitoring and Control reed switch, toggle switch, push-to-make switch, push-to-break switch, light dependent resistor (LDR), tile switch</p> <p>light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip</p> <p>control, program, system, input device, output device, series circuit, parallel circuit</p> <p>function, innovation, design specification, design brief, user, purpose</p> <p>More Complex Circuits and Switches 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>	

<p>YEAR 6</p>	<p>Celebrating Culture and Seasonality ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs</p> <p>fat, sugar, carbohydrates, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality</p> <p>utensils, combine, fold, knead, stir, pour, mix, whisk, beat, roll out, shape, sprinkle, crumble</p> <p>design specification, innovative, research, evaluate, design brief</p>	<p>CAMS 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 system, input movement, process, output movement</p> <p>design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief</p>	<p>Combining Different Fabric Shapes seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces</p> <p>name of textiles and fastenings used, pins, needles, threads, pinking shears, fastenings, iron transfer paper</p> <p>design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype</p>		
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