

Year 5/6

General – exploded diagram, design decision, functionality, authentic, design specification,
Mechanical Systems – pulley, drive belt, gear, rotation, spindle, driver, follower, ratchet, transmit, motor, switch, circuit diagram, mechanical system, electrical system, cam, snail cam, off-centre cam, peg cam, pear shaped cam, shaft, crank, handle, housing, framework rotation, rotary motion, oscillating motion, reciprocating motion,
Structures – frame structure, strengthen, reinforce, triangulation, stability, temporary, permanent,
Electrical Systems – reed switch, light dependent resistor (LDR), tilt switch, light emitting diode (LED), USB cable, parallel circuit, monitor, flowchart,
Textiles – computer aided design (CAD), computer aided manufacture (CAM), menu, scale, modify, repeat, copy, flip, wadding, reinforce, right side, wrong side, hem, names of textiles and fastening used, thread, pinking shears, iron transfer paper,
Food - yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs, fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, gluten, dairy, allergy, intolerance, source, seasonality, utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble,

Year 3/4

General – innovative, appealing, design brief, prototype, research, constraints, investigate, annotated sketch,
Mechanical Systems – linkage, system, input, process, component, fixing, attaching, tubing, syringe, plunger, pneumatic system, input movement, output movement, control, compression, pressure, inflate, deflate, pump, seal, air-tight,
Structures – shell structure, three-dimensional (3-D), shape, net, cube, cuboid, prism, vertex, face, length, width, breadth, capacity, marking out, scoring, shaping, tabs, adhesives, assemble, material, stiff, strong, reduce, reuse, recycle, corrugated, ribbing, laminating, font, lettering, text, graphics,
Electrical Systems – circuit, 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, control, program, system, input device, output device,
Textiles – names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, stitch, seam, seam allowance, aesthetics,
Food – texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested, varied diet,

Year 1/2

General – evaluate, user, purpose, ideas, design criteria, product, function, cut,
Mechanisms – slider, lever, pivot, slot, bridge, guide, card, masking tape, paper fastener, join, pull, push, straight, curve, vehicle, wheel, axle, axle holder, chassis, body, cab, assemble, fixed, free, moving, mechanism, junior hacksaw, vice,
Structures – fold, join, fix, structure, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved, metal, wood, plastic,
Textiles – template, pattern pieces, mark out, join, decorate, finish, thread, pins, needles, staple, fabric glue, felt, fabric, stitch, mock-up,
Food – flesh, skin, seed, pip, core, slice, peel, chop, squeeze, ingredients, juicer, peeler, knife, grater, blender,

Reception

Make, build, model, design, idea, stick, glue, tape, cut, join, fix, snip, press, fold, fruit and vegetables, healthy, unhealthy, eat, different, food, tool,