



# Year 3&4

Textiles – 2D shape to 3D product	Food – Healthy and varied diet	Mechanisms – Levers and linkages	Structures - Shell	Electrical systems - Simple circuits and switches
Fabric, fastening, zip, button, finishing technique, template, stitch, seam, seam allowance, aesthetics, pattern pieces	name of products, names of equipment, utensils, texture, taste, fresh, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested, healthy/varied diet, annotated sketch, sensory evaluations	mechanism, lever, linkage, pivot, slot, bridge, guide, linear, rotary, oscillating, reciprocating, prototype	shell structure, 3-D shape, net, vertex, edge, face, length, width, breadth, capacity, scoring, tabs, adhesives, joining, material, corrugating, ribbing, laminating	series circuit, connection, switch, battery, bulb, wire, crocodile clip, function, prototype, design criteria, design brief



# Year 5&6

Textiles – Combining different fabric shapes	Food – celebrating culture and seasonality	Mechanisms – Pulleys or gears	Structures - Frame	Electrical systems – more complex switches
wadding, right side, wrong side, hem pins, needles, thread, embroidery floss, pinking shears, iron transfer paper	yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs nutrients, nutrition, gluten, allergy, intolerance, seasonality fold, knead, stir, whisk	pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor exploded diagrams	frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent	parallel circuit, names of switches and components, input device, output device, monitor, control, flowchart, innovative