



Key Vocabulary for Design Technology

Mechanisms / Mechanical Systems						
Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	Built upon from EYFS	New to KS1	Built upon from KS1	New to LKS2	Built upon from LKS2	New to UKS2
build make mix strong pull push up down, tear rip soft hard stick tape glue picture drawing use experiment change tools materials idea improve wheel cut	experiment improve change idea pull push up down join tape make wheel cut	slider, lever, pivot, slot, bridge/guide card, masking tape, paper fastener, straight, curve, forwards, backwards design, evaluate, user, purpose, ideas, design criteria, product, function/al vehicle, axle, axle holder, chassis, body, cab assembling, shaping, finishing, fixed, free, moving, mechanism.	lever, pivot, guide, user, purpose, design criteria, mechanism, lever, slot, bridge, guide, function,	linkage, system, input, process, output, linear, rotary/rotation, oscillating, reciprocating , prototype, innovative/innovation, appealing, design brief components, fixing, attaching, tubing, syringe, plunger, split pin, paper fastener pneumatic system, input movement, movement, control, compression, pressure, inflate, deflate, pump, seal, air-tight research, evaluate, ideas, constraints, investigate	rotary motion, oscillating motion, reciprocating motion, axle input movement, process, output movement design decisions, innovation user, purpose design brief rotation	cam, snail cam, off-centre cam, peg cam, pear shaped cam follower, shaft, crank, handle, housing, framework, annotated sketches, exploded diagrams mechanical system, functionality, ,authentic, , design specification, pulley, drive belt, gear, , spindle, driver, follower, ratio, transmit, , motor circuit, switch, circuit diagram, electrical system,



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Textiles						
Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	Built upon from EYFS	New to KS1	Built upon from KS1	New to LKS2	Built upon from LKS2	New to UKS2
make strong tear rip soft smooth rough stick tape glue picture drawing use experiment change tools materials idea improve cut	tools, make	joining and finishing techniques, fabric, components, template pattern pieces, mark out, join, decorate, finish features, suitable, quality mock-up, design brief, design criteria, evaluate, user, purpose, function	fabric, template, user, purpose, design, evaluate, drawing, function	fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, stitch, seam, seam allowance, model, prototype, annotated sketch, functional, innovative/innovation, investigate, label, aesthetics, pattern pieces.	seam, seam allowance, template, pattern pieces, fastenings, annotate, innovation, authentic, user, purpose, evaluate, prototype	wadding, reinforce, right side, wrong side, hem, pins, needles, thread, pinking shears, iron transfer paper, design criteria, design decisions, functionality, mock-up. Computer aided design (CAD), computer aided manufacture (CAM), font, lettering, text, graphics, menu, scale, modify.



Key Vocabulary for Design Technology

Food						
Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	Built upon from EYFS	New to KS1	Built upon from KS1	New to LKS2	Built upon from LKS2	New to UKS2
soft juicy crunchy sweet sticky smooth hard cut squeeze choose tasting fruit and vegetable names mix	soft juicy crunchy sweet sticky smooth hard cut squeeze choose tasting fruit and vegetable names, tasting mix	names of equipment and utensils, sharp (tasting), crisp (texture) sour, flesh, skin, seed, pip, core, slicing, healthy diet, ingredients, planning, investigating, arranging, popular, design, evaluate, criteria.	names of equipment and utensils, names of techniques and ingredients, texture, tasting / taste, sweet, sour, healthy diet, planning, design criteria, purpose, user, mix	hot, spicy, appearance, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, processed, seasonal, harvested, varied diet, annotated sketch, sensory evaluations.	ingredients, healthy / varied diet, savoury, seasonal, utensils, mix, evaluate,	yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs. fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, gluten, dairy, allergy, intolerance, source, seasonality, combine, fold, knead, stir, pour, rubbing in, whisk, beat, sprinkle, crumble, design specification, innovative, research, design brief.



Key Vocabulary for Design Technology

Structures						
Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	Built upon from EYFS	New to KS1	Built upon from KS1	New to LKS2	Built upon from LKS2	New to UKS2
cut fold paper top wood make ideas strong	cut fold paper top wood make ideas strong	join/ing, fix, structure, wall, tower, framework, weak, base, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved metal, plastic, circle, triangle, square, rectangle, cuboid, cube, cylinder, design, evaluate, user, purpose, ideas, design criteria, product, function.	cube, cuboid, edge, join/ing, strong, evaluate/ing, design criteria, purpose	shell structure, 3- dimensional (3D) shape, net, prism, vertex, face, length, width, breadth, capacity, marking out, scoring, shaping tabs, adhesives, assemble, accuracy, material, stiff, reduce, reuse, recycle, corrugating, ribbing, laminating, font, lettering, text, graphics, decision, design brief, innovative, prototype.	join, design brief, prototype, purpose, user, innovation/ive,	frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, temporary, permanent, design specification, annotated sketch, research, functional.



Key Vocabulary for Design Technology

Electrical systems						
Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	Built upon from EYFS	New to KS1	Built upon from KS1	New to LKS2	Built upon from LKS2	New to UKS2
on off	on off	N/A	on/off	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.	series circuit, system, control, program, function, innovative, user, purpose.	parallel circuit, input device, output device, monitor, flowchart, design specification, design brief,