



Design and Technology - Vocabulary



Key Stage One

Key DT vocabulary -

design, make, evaluate, purpose, user, functional, ideas, design criteria, product, function, design brief

Mechanisms -

slider, lever, pivot, slot, bridge, guide, card, masking tape, paper fastener, join, pull, push, up, down, straight, curve, forwards, backwards, vehicle, wheel, axle, axle holder, chassis, body, assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism, names of tools, equipment and materials used

Structures -

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

Textiles -

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

Food -

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

Lower Key Stage Two

Key DT vocabulary -

user, purpose, function, design criteria, innovative, design brief, appealing, evaluate, functional, investigate, design, prototype, constraints, ideas, decision, product

Mechanical Systems -

linkage, system, input, process, output, linear, rotary, oscillating, reciprocating, components, fixing, attaching, tubing, syringe, plunger, split pin, pneumatic system, input movement, output movement, control, compression, pressure, inflate, deflate, pump, seal, air-tight,

Structures -

shell structure, three-dimensional (3-D) 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

Textiles -

fabric, names of fabrics, fastening, compartment, zip, button, structure, strength, weakness, stiffening, templates, stitch, seam, seam allowance, model, annotated sketch, label, drawing, aesthetics

Food -

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, annotated sketch, sensory evaluations

Electrical Systems -

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, light emitting diode (LED), USB cable, process

Upper Key Stage Two

Key DT vocabulary -

design decisions, functionality, function, innovation, authentic, user, purpose, design specification, design brief, innovative, research, evaluate, design criteria, prototype, ideas, product

Mechanical systems -

cam, snail cam, off-centre cam, peg cam, pear shaped cam follower, shaft, crank, handle, housing, framework rotation, rotary motion, oscillating motion, reciprocating motion annotated sketches, exploded diagrams, mechanical system, pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, motor circuit, switch, circuit diagram, annotated drawings, electrical system

Structures -

frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, temporary, permanent, annotated sketch

Textiles -

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, annotate, mock-up, prototype, computer aided design (CAD), computer aided manufacture (CAM) font, lettering, text, graphics, menu, scale, modify, repeat, copy, flip, prototype

Food -

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

Electrical systems -

reed switch, light dependent resistor (LDR), tilt switch light emitting diode (LED), USB cable, parallel circuit function, parallel circuit, names of switches and components, input device, system, monitor, program, flowchart