

Design and Technology Vocabulary



Year 1

Food: Fruit and vegetables

blender, carton, fruit, healthy, ingredients, peel, peeler, recipe, slice, smoothie, stencil, template, vegetable

Mechanisms: Making a moving story book

assemble, design, evaluation, mechanism, model, sliders, stencil, target audience, template, test

Structures: Constructing a windmill

client, design, evaluation, net, stable, strong, test, weak, windmill

Textiles: Puppets

decorate, design, fabric, glue, model, hand puppet, safety pin, staple, stencil, template

Mechanisms: Wheels and axles

axle, axle holder, chassis, design, evaluation, fix, mechanic, mechanism, model, test, wheel

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Year 2

Food: A balanced diet

alternative, diet, balanced diet, evaluation, expensive, healthy, ingredients, nutrients, packaging, refrigerator, sugar, substitute

Mechanisms: Making a moving monster

evaluation, input, lever, linear motion, linkage, mechanical, mechanism, motion, oscillating motion, output, pivot, reciprocating motion, rotary motion, survey

Structures: Baby Bear's chair

function, man-made, mould, natural, stable, stiff, strong, structure, test, weak

Textiles: Pouches

accurate, fabric, knot, pouch, running-stitch, sew, shape, stencil, template, thimble

Mechanisms: Fairground wheel

axle, decorate, evaluation, ferris wheel, mechanism, stable, strong, test, waterproof, weak

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Year 3

Food: Eating seasonally

climate, dry climate, exported, imported, mediterranean climate, nationality, nutrients, polar climate, recipe, seasonal food, seasons, temperate climate, tropical climate

Structures: Constructing a castle

2D shapes, 3D shapes, castle, design criteria, evaluate, façade, feature, flag, net, recyclable, scoring, stable, strong, structure, tab, weak

Textiles: Cushions

accurate, appliqué, cross-stitch, cushion, decorate, detail, fabric, patch, running-stitch, seam, stencil, stuffing, target audience, target customer, template

Electrical systems: Static electricity

attract, component, constructive-criticism, design criteria, electrostatic, evaluation, feedback, motion, repel, target audience, test

Mechanical systems: Pneumatic toys

exploded-diagram, function, input, lever, linkage, mechanism, motion, net, output, pivot, pneumatic system, thumbnail sketch

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Year 4

Structures: Pavilions

aesthetic, cladding, design criteria, evaluation, frame structure, function, inspiration, pavilion, reinforce, stable, structure, target audience, target customer, texture, theme

Food: Adapting a recipe

adapt, budget, equipment, evaluation, flavour, ingredients, method, net, packaging, prototype, quantity, recipe, target audience, unit of measurement, utilities

Textiles: Fastenings

aesthetic, assemble, book sleeve, design criteria, evaluation, fabric, fastening, mock-up, net, running-stitch, stencil, target audience, target customer, template

Electrical systems: Torches

battery, bulb, buzzer, cell, component, conductor, copper, design criteria, electrical item, electricity, electronic item, function, insulator, series circuit, switch, test, torch, wire

Mechanical systems: Making a Slingshot car

aesthetic, air resistance, chassis, design, design criteria, function, graphics, kinetic energy, mechanism, net, structure

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Year 5

Food: What could be healthier?

beef, cross-contamination, diet, ethical issues, farm, healthy, ingredients, method, nutrients, packaging, reared, recipe, research, substitute, supermarket, vegan, vegetarian, welfare

Mechanical systems: Making a pop-up book

aesthetic, computer-aided-design (CAD), caption, design, design brief, design criteria, exploded-diagram, function, input, linkage, mechanism, motion, output, pivot, prototype, slider, structure, template

Textiles: Stuffed toys

accurate, annotate, appendage, blanket-stitch, design criteria, detail, evaluation, fabric, sew, shape, stuffed toy, stuffing, template

Electrical systems: Electronic greetings cards

battery, buzzer, circuit, component, conductor, copper, design, design criteria, function, graphite, innovative, insulator, LED, modify, parallel circuit, series circuit, switch, target audience, test, wire

Structures: Bridges

abutment, accurate, arched bridge, beam bridge, bridge, compression, coping saw, evaluation, file, forces, mark out, measure, predict, reinforce, research, right-angle, sandpaper, set square, shape, strong structure, suspension bridge, tenon saw, tension, test, truss bridge, weak

Design and Technology Vocabulary



Year 6

Food: Come dine with me

accompaniment, adjective, caption, collaboration, cookbook, cross-contamination, equipment, farm, flavour, illustration, imperative-verb, ingredients, method, nationality, preparation, processed, reared, recipe, research, storyboard, target audience, top-tips, unit of measurement

Mechanical systems: Automata toys

accurate, assembly-diagram, automata, axle, bench hook, cam, clamp, component, cutting list, diagram, dowel, drill bits, exploded-diagram, finish, follower, frame, function, hand drill, jelutong, linkage, mark out, measure, mechanism, model, research, right-angle, set square, tenon saw

Textiles: Waistcoats

accurate, adapt, annotate, design, design criteria, detail, fabric, fastening, knot, properties, running-stitch, seam, sew, shape, target audience, target customer, template, thread, unique, waistcoat, waterproof

Electrical systems: Steady hand game

assemble, battery, battery pack, bulb, bulb holder, buzzer, circuit, circuit symbol, component, conductor, copper, design, design criteria, evaluation, function, insulator, LED, magnetic field, net, perspective drawing, plan, pliers, prototype, series circuit, side view, steady hand game, switch, symmetrical, target audience, test, top view, wire cutters

Structures: Playgrounds

adapt, apparatus, bench hook, cladding, coping saw, design, dowel, evaluation, feedback, idea, jelutong, landscape, mark out, measure, modify, natural materials, plan view, playground, prototype, reinforce, sketch, strong, structure, tenon saw, texture, user, vice, weak