

Design Technology

Reception

Developing, planning and communicating ideas.

Working with tools, equipment, materials and components to make quality products.

Evaluative, longer, shorter, lighter, heavier, stronger, observe,

Join, build, shape, glue, stick,

Year 1

Developing, planning and communicating ideas.

Working with tools, equipment, materials and components to make quality products.

Constructions and use of materials

Textiles

Evaluating process and products

planning, investigating design, evaluate, make, user, purpose, ideas, product,

Function, Slider, lever, pivot, slot, bridge/guide card, masking tape, paper fastener, join, pull, push, up, down, straight, curve, forwards, backwards, design, make, measure, cut

Weak, strong, pull, push, curve

Fabrics, threads, texture, weave, pattern, stitching

Year 2

Developing, planning and communicating ideas.

Mechanisms

Cooking and Nutrition

Evaluating process and products

investigating, planning, design, make, evaluate, user, purpose, ideas, design criteria, product, function

Marking out, cutting, joining, finishing, freestanding, stable, weaker, stronger, base, surface, metal, wood, plastic

soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet.

Year 3

<u>Developing, planning and communicating ideas.</u> <u>Evaluating process and products</u>	<u>Mechanisms</u>	<u>Constructions and Use of Materials</u>	<u>Textiles</u>
user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, function, planning, design criteria, annotated sketch, appealing	Leavers, linkages, gears, pulleys, cams, pneumatic systems.	Strengthen, stiffen, reinforce, join, tools, purpose, function	Fastening, compartment, zip, finishing, technique, function, prototype, back stitch, felted, woven, knitted, bonded, mark out, template, decorate

Year 4

<u>Developing, planning and communicating ideas.</u> <u>Evaluating process and products</u>	<u>Electrical and mechanical components</u>	<u>Construction</u>
evaluating, design brief design criteria, innovative, prototype, user, purpose, function, prototype, design criteria, innovative, appealing, design brief, planning, annotated sketch,	Hydraulics, pneumatics, circuit, components, switches, buzzers, motors, levers, linkages, gears, pulleys, cams, battery, bulb, wire, insulator, conductor, crocodile clip, input, device, output	Structure, stability, sanding, varnishing, glazing, assemble,

Year 5

<p><u>Developing, planning and communicating ideas.</u> <u>Evaluating process and prod-</u></p>	<p><u>Construction</u></p>	<p><u>Textiles</u></p>	<p><u>Cooking and Nutrition</u></p>
<p>design decisions, functionality, authentic, user, purpose, design specification, design brief, innovative, research, evaluate, design criteria, annotate, evaluate, mock-up, prototype</p>	<p>frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional</p>	<p>seam, seam allowance, 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 design criteria, annotate, design decisions, functionality, Innovation, authentic, user, purpose, evaluate, mock-up, prototype</p>	<p>ingredients, 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, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble</p>

Year 6

<u>Developing, planning and communicating ideas.</u> <u>Evaluating process and products</u>	<u>Electrical and Mechanical Components.</u>	<u>Construction</u>	<u>Textiles</u>	<u>Cooking and Nutrition</u>
function, innovative, design specification, design brief, user, purpose design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional, mock-up, prototype	series circuit, parallel circuit, names of switches and components, input device, output device, system, monitor, control, program, flowchart function, innovative, design specification, design brief, user, purpose	pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor circuit, switch, circuit diagram annotated drawings, exploded diagrams mechanical system, electrical system, input, process, output design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief	seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces, name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings,	ingredients, 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