

Key Vocabulary for Design and Technology (DT)

	Autumn	Spring	Summer
Early years	<u>Cooking and nutrition</u> Soup Seeds, roots, leaves, stem, plant, flower, bud, sweet, sour, fruit, vegetable, smooth	<u>Textiles</u> Bookmarks Thread, weave, pinch, pattern, under, over, sew, design	<u>Structures</u> Boats Waterproof, material, absorb, leak, wet, dry, prediction, fair test, float, sink
<i>Junk modelling – materials, tools, colour, design, texture, form and function</i>			
Year 1	<u>Cooking and nutrition</u> Fruit and vegetables Blend, blender, chopping board, compare, cut, design, evaluate, flavour, fork, fruit, healthy, ingredients, juice, juicer <u>Mechanisms</u> Making a moving storybook (DT day) Sliders, mechanism, adapt, design criteria design, input, model, template, assemble, test	<u>Textiles</u> Puppets Decorate, design, fabric, glue, model, hand puppet, safety pin, staple, stencil, template	<u>Structures</u> Constructing a windmill Axle, bridge, design, design criteria, model, net, packaging, structure, template, unstable, stable strong, weak <u>Mechanisms</u> wheels and axles (DT day) axle, axle holder, chassis, diagram, dowel, equipment, mechanism, wheel
Year 2	<u>Mechanisms</u> Making a moving monster (DT day) Axle, design criteria, input, linkage, mechanical, output, pivot, wheel <u>Structures</u> Baby bear's chair Design criteria, man-made, natural, properties, structure, stable, shape, model, test	<u>Mechanisms</u> Fairground wheel (DT day) Design, design criteria, wheel, Ferris wheel, pods, axle, axle holder, frame, mechanism <u>Cooking and nutrition</u> A balanced diet	<u>Textiles</u> Pouches Decorate, fabric, fabric glue, knot, needle, needle threader, running stitch, sew, template, thread

		Appearance, balanced ,carbohydrates, chopping board ,combination, cut, dairy, design, design brief, diet, evaluate, feel, fruit, grate	
Year 3	<u>Digital world</u> Wearable technology (DT day) Analogue, analyse, develop, digital, annotate, badge, computer-aided design (CAD), control, design criteria, digital revolution, digital world, display, electronic, electronic products <u>Cooking and nutrition</u> Eating seasonally Appearance, arid, climate, complementary country, cut, design, evaluate, export, fruit, grate, import, ingredients, Mediterranean	<u>Textiles</u> Cushions (DT day) Appliqué, cross-stitch, design, equipment, fabric, patch, running stitch, thread, seam, texture, knot <u>Mechanisms</u> Pneumatic toys Mechanism, lever, pivot linkage system, pneumatic system, input, output, component, thumbnail sketch, research, adapt, properties, reinforce, motion	<u>Structures</u> Constructing a castle 2D, 3D, castle, design, key features Net, scoring, shape, stable, stiff, strong, structure, tab
Year 4	<u>Structures</u> Pavillions (DT day) 3D shapes, cladding, design criteria, innovative, natural, reinforce, structure <u>Textiles</u> Fastenings Criteria, fabric, fastening, fix, mock-up, stitch, template	<u>Electrical systems</u> Torches Battery, bulb, buzzer, conductor, circuit, circuit diagram, electricity, insulator, series circuit, switch component, design, design criteria, diagram, evaluation, LED, model, shape, target audience, input, recyclable, theme, aesthetics, assemble, equipment, ingredients, packaging, properties, sketch, test <u>Mechanisms</u> Making a slingshot car (DT day) Chassis, energy, kinetic, mechanism, air resistance, design, structure, graphics, research, model, template	<u>Cooking and nutrition</u> Adapting a recipe Adapt, addition, appearance, budget, buttery, combine, comment, compare, construct, cream, crunchy, cuboid, cut, design
Year 5	<u>Structures</u> Bridges (DT day) beam bridge, arch bridge, truss bridge, strength, technique, corrugation, lamination, stiffness, rigid, factors, stability, visual appeal, aesthetics, joints,	<u>Digital world</u> Monitoring devices (DT day) monitoring device, electronic, sensor, thermoscope thermometer, research, design brief, design criteria	<u>Mechanisms</u> Pop-up book Design, input, motion, mechanism, criteria, research, reinforce, model

	<p>mark out, hardwood, softwood, wood file/rasp, sandpaper, bench hook/vice, tenon saw/coping saw assemble, material properties, reinforce, wood sourcing, evaluate, accuracy</p> <p><u>Electrical systems</u> Doodlers 'Launch car' DT afternoon at Reed's in Autumn 1.</p> <p>circuit component, configuration, current, develop, DIY, investigate, motor, motorised, problem solve, product analysis, series circuit, stable, target user</p>	<p>development, inventor, vivarium, programming loop, programming comment, versatile, lightweight</p> <p><u>Cooking and nutrition</u> Developing a recipe</p> <p>Abattoir, adaptation, balanced, brand, cook, cross-contamination, cut, design, enhance, equipment, evaluate, hygiene, ingredients, measure, nutritional value, preference, press, process, recipe, safety</p>	
Year 6	<p><u>Cooking and nutrition</u> Come dine with me (DT day)</p> <p>Balance, bitter, bridge method, complement, cookbook, cross-contamination, enhance, equipment, farm to fork, flavours, ingredients, method, research, pairing, recipe, preparation, salty sour, storyboard, sweet, umami</p> <p><u>Structures</u> Playgrounds</p> <p>Apparatus, design criteria, equipment, playground, landscape features, cladding</p>	<p><u>Electrical systems</u> Steady hand game (DT day)</p> <p>Assemble, battery, battery pack, benefit, bulb, bulb holder, buzzer, circuit, circuit symbol, component, conductor, copper, design, design criteria, evaluation, fine motor skills, fit for purpose, form, function, gross motor skills, insulator, LED, user</p> <p><u>Mechanisms</u> Automata toys Accurate, automata, axle, bench hook, cam, clamp, component, diagram, dowel, drill bits, follower, frame, function, hand drill, jelutong, linkage, measure, mechanism, model, set square, tenon saw</p>	<p><u>Digital world</u> Navigating the world</p> <p>Equipment, navigation, cardinal compass, application (apps), pedometer, GPS tracker, client, function, program, duplicate, replica, loop, variable, value, lightweight, sustainable design, environmentally friendly, biodegradable, recyclable, product lifecycle, product lifespan</p>