Design & Technology | Vocabulary Progression

The Laurels Primary School — believe · achieve · succeed

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R		**Structures: Junk modelling** join, stick, cut, bend, slot, scissors, measure, materials, fix		**Textiles: Bookmarks** thread, weave, pattern, sew, sewing needle, embroider, design, evaluate		**Structure: Boats** waterproof, absorb, prediction, variable, experiment, investigation, float, sink, junk
Year 1	**Structures: Constructing windmills** axle, bridge, design, design criteria, model, net, packaging, structure, template, unstable, stable, strong, weak, client, evaluation, structure, test, windmill, turbine		**Textiles: Puppets** design, design criteria, decorate, equipment, glue, inspiration, method, safety pin, technique, template, fabric, model, hand puppet, stencil		**Cooking and nutrition: Fruit and vegetables** fruit, leaf, root, seed, stem, vegetable, smoothie, healthy, carton, design, flavour, peel, slice, blender, ingredients, peeler, recipe, stencil, template	
Year 2		**Structures: Baby bear's chair** design criteria, man-made, natural, properties, structure, stable, shape, test, function, mould, stiff, strong, weak		**Mechanisms: Fairground wheel** design, design criteria, wheel, Ferris wheel, pods, axle, axle holder, frame, mechanism, decorate, evaluate, stable, strong, test, waterproof, weak		**Mechanisms: Making a moving monster** axle, design criteria, input, linkage, mechanical, output, pivot, wheel, evaluation, survey
Year 3	**Cooking and nutrition: Eating seasonally** climate, diet, natural, processed, reared, seasons, seasonal, ingredients, recipe, dry climate, exported, imported, Mediterranean climate, nationality, nutrients, polar climate, temperate climate, tropical climate		**Structures: Constructing a castle** castle, key features, strong, stiff, stable, 3D, 2D, shape, net, structure, design, tab, scoring, design criteria, evaluation, facade, feature, flag, recyclable, scoring, weak		**Textiles: Cross-stitch and appliqué** accurate, applique, cross stitch, cushion, decorate, detail, fabric, patch, running stitch, seam, stencil, stuffing, target audience, target customer, template	
Year 4		**Structures: Pavilions** cladding, design criteria, structure, innovative, 3D shapes, natural, reinforce, aesthetic, evaluation, frame structure, function, inspiration, pavilion, stable, target audience, target customer, texture, theme		**Mechanical systems: Making a slingshot car** air resistance, design, structure, graphics, research, model, chassis, template, energy, kinetic, mechanism, aesthetic, design criteria, function, kinetic energy, net		**Electrical systems: Torches** battery, bulb, buzzer, conductor, circuit, circuit diagram, electricity, insulator, series circuit, switch, component, design, design criteria, diagram, evaluation, LED, model, shape, switch, target audience, input, recyclable, theme, aesthetics, assemble, equipment, ingredients, model, packaging, properties, sketch, test, cell, copper, electrical item, test, torch, wire
Year 5	**Electrical systems: Doodlers** circuit component, configuration, current, develop, DIY, investigate, motor, motorised, problem solve, product analysis, series circuit, stable, target user		**Mechanical systems: Making a pop-up book** design, input, motion, mechanism, criteria, research, reinforce, model, aesthetic, CAD, caption, design brief, design criteria, exploded diagram, function, linkage, output, pivots, prototype, sliders, structure, template		**Cooking and nutrition: What could be healthier?** beef, reared, processed, ethical, diet, ingredients, supermarket, farm, balanced, cross contamination, method, packaging, research, welfare	
Year 6		**Textiles: Waistcoats** annotate, decorate, design criteria, fabric, target customer, waistcoat, waterproof, adapt, detail, fastening, knot, properties, running stitch, seam, sew, shape, target audience, template, thread, unique		**Structures: Playgrounds** apparatus, design criteria, equipment, playground, landscape features, cladding, bench hook, coping saw, dowel, jelutong, mark out, modify, natural materials, plan view, prototype, reinforce, structure, tenon saw, user, vice		**Digital world: Navigating the world** 3D CAD , application (apps), biodegradable, Boolean, cardinal compass, client, compass, concept, convince, corrode, duplicate, environmentally friendly, equipment, feature, finite, function, functional, GPS tracker, if statement, infinite, investment, lightweight, loop, manufacture, materials (wood, metal, plastic etc.), mouldable, navigation, non-recyclable, product lifecycle, product lifespan, program, recyclable, smart sustainable, sustainable design, unsustainable design, variable, workplane.