





## Design and Technology - Progression in Vocabulary Document







This document shows the **new** vocabulary that will be taught to each year group whilst carry out their Design and Technology units of work. It is important to remember that the vocabulary from previous year groups will be used and will be built on each year. This document works alongside the 'Progression in Skills 'document.

In EYFS the children are introduced to new vocabulary during 'Adult Directed Activities' linked to the weekly story themes and are observed during this time and throughout their own 'Child Initiated Learning' to ensure that the correct vocabulary is being used and in the correct way.

### PROGRESSION IN VOCABULARY

AREA	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
<b>DESIGN</b>	Draw, talk, ideas	Own ideas, design, explain, product, move/moves, simple plan, make/making, pictures, words	Think, ideas, plan, choose, best tools, explain, reasons, describe, pictures, diagram/diagrams, models, develop, starting point,	Design criteria, product, research, requirements, attractive, step by step plan, order, equipment, tools, describe, labelled, sketch, realistic	Influence , designers, produce, plan, explain, persevere, adapt , original, communicate, idea/ideas, sketch, draw, annotated, suggest, improvements, realistic, prototype, computer design	Research internet design ideas, collect information, different sources , produce, detailed, step by step plan, explain, appeal, specific audience, product, design, users view, suggest , alternative plans, positives, drawbacks	Draw on market research, inform, plans/planning, ideas, features, innovate, follow, refine, justify, plan, convince, culture, society, designs, constraints, relation to audience, annotated sketches, cross sectional planning, computer aided design
<b>MAKE</b>	Build, make, construct, tools, resources, discuss, combined different media	Ideas, make, product, choose, resources, tools, explain, structure, model, arrange, construction, cut, shape, join, finish	Choose, tools, materials, explain, join, components, different ways, measure, mark out, materials, model, structure, movement, safely, hygienically	Follow, plan, equipment, materials, select, appropriate, tools, techniques, product, electrical component, mechanical component, accurate, measure, cut, holes, shape, mould, assemble, combine, accuracy	Tools, task, knowledge, choices, material, best outcome, attempt, product, strong, measure, accurate, advanced techniques, shape, mould, finishing,	Tools, equipment, competently, make, prototype, final piece, pulleys, gears, persevere, stages of making, process , accurate, measurement, precise, strong, fit for purpose , refine, improve, mouldable materials	Use, make, specific tool, specific task, correctly, safely, explain, specific action, change work, precise, accurate, improve, produce, functionality, aesthetics, resourceful

<p><b>EVALUATE</b></p>	<p>Like, don't like, change, adapt</p>	<p>Describe, explain, working well, not working well, make the product better</p>	<p>Design criteria, evaluate/evaluation, what went well, improvements, reason</p>	<p>Explain, how, improve, know, why, has been successful, has not been successful, change</p>	<p>Evaluate, suggest, improve, original, design, purpose, appearance, altered, check/checking, successful, research, recycled, reused, inventors, designers</p>	<p>Quality, specification, purpose, appearance, test, evaluate, existing products, cost, sustainable, engineers, manufacturers, ground – breaking suggest, alternative plans, positive features, drawbacks, function, original criteria, check/checking, best it can be, fit for purpose, strong, explain, refine</p>	<p>Test, evaluate, fit for purpose, explain, how, know, clear criteria, decide, improve, evaluate resources, justify, specification, sustainable materials, impact, intended purpose, key inventors, designers, engineers, manufacturers</p>
<p><b>STRUCTURES</b></p>	<p>Build, measure, sort, construct, experiment</p>	<p><b>PLAYGROUNDS</b> Measure, cut, fold, join, fix, weak, strong, pivot, swing, slide, rock</p>		<p><b>PHOTO FRAMES</b> Stable, secure, shell, structure, net, marking out, accurately, joining, three dimensional, stiff,</p>	<p><b>NIGHT LIGHTS</b> Measure, avoid mistakes, strong, stiff, shell, cubes, cuboids, assemble,</p>	<p><b>DRAGONS</b> Three dimensional shapes, axles, wheels, followers, temporary, permanent, fit for purpose, reinforce, strengthen</p>	<p><b>FAIRGROUNDS</b> Materials, intended use, reinforce, stability, prototype, functionality, aesthetics</p>
<p><b>MECHANISM</b></p>	<p>Wheels, levers, sliders up/down, forwards/backwards</p>	<p><b>MOVING PICTURES</b> Mechanism, lever, slider, slot, pop-up, pull/push, up/down. movement</p>	<p><b>MOVING VEHICLES</b> Explore, wheels, axles, fixed, free, cutting, joining, hacksaw, saw, glue, force (push &amp; pull), shaping</p>	<p><b>SKELETONS</b> Tools, techniques, loose/fixed pivots, lever, linkages</p>		<p><b>MOVING TOYS</b> Cams, pulleys, gears, rotary motion, linear motion, axle, wheel, speed up, slow down, speed change, direction</p>	<p><b>FAIRGROUNDS</b> Rotate, switches, spindle, driver, motor, housing, motion, speed, dowelling, functionality, purpose, input, process, out put</p>

<p><b>TEXTILES</b></p>	<p>Join/joining, staple, glue, tape, split pin, tread</p>		<p><b>PUPPETS</b></p> <p>Measure, cut, join/joining, fabric, textiles, sew, thread, running stitch, stick, glue, needle, wool types of puppets (shadow, rod, string), three dimensional textile structure</p>		<p><b>ANCIENT EGYPTIAN COLLARS</b></p> <p>Textiles, strengthen, stiffen, reinforce, template, pattern, seam, backstitch, blanket stitch, running stitch, cross stitch, fastening, material, needle, pins, stitch, tape measure, thread</p>		<p><b>UPCYCLING A T-SHIRT</b></p> <p>Aesthetics, textiles, template attractive, strong, prototype, joining techniques, stitches, cut, sew, fabric, three dimensional, material, pattern, adapt</p>
<p><b>ELECTRICAL SYSTEMS</b></p>				<p><b>BBC MICRO: BITS DIWALI LIGHTS</b></p> <p>User, fault, battery cell, programmable, control, input, output, circuit, Micro: Bits</p>	<p><b>BBC MICRO: BITS NIGHT LIGHTS</b></p> <p>Circuit, components, connection, program, repeat, opaque, transparent, Micro: Bits</p>	<p><b>BBC MICRO: BITS DRAGONS - LIGHTS FOR EYES</b></p> <p>Pneumatics, syringe, movement, switch, components, circuit, program, control, Micro: Bits</p>	<p><b>BBC MICR: BITS FAIRGROUNDS</b></p> <p>Circuits, improve, program, input, output, motor. Mirco: Bits</p>
<p><b>FOOD AND NUTRITION</b></p>	<p>Apron, equipment, fork, knife, spoon, mix/mixing, stir/stirring, pour/pouring, blend/blending, safe, hygienic, senses, variety in food, good health</p>	<p><b>FRUIT KEBABS</b></p> <p>Wash hands, clean surfaces, plant or animal, food groups, names of fruit, soft, hard, juicy, crunchy, smooth, rough, texture, seeds, pips, stone, chop, slice, peel, pattern, healthy diet</p>	<p><b>APPLE CRUMBLE</b></p> <p>Hygiene, hygienic, farmed, home-grown, grate, peel, weigh, mix, rub, measure, taste (sweet, sour, crunchy), flesh, skin, ingredients, tasting, arranging</p>	<p><b>VEGETABLE SOUP (linked to Iron Age)</b></p> <p>Healthy and varied diet, UK, wider world, healthy diet, variety, balance texture, taste, fresh, hygienic, grown, frozen, tinned, seasonal harvest, peel, chop slice, grate, julienne</p>	<p><b>SWEET &amp; SAVOURY PANCAKES</b></p> <p>Safe, hygienic, recipe, pan, batter, ingredients, whisk, flip, heat, mix, hob, topping, appearance, lemon, syrup, healthy bodies.</p>	<p><b>COUS COUS SALAD</b></p> <p>Safe, hygienic, peel, chop, slice, grate, mix, texture, taste, appearance, seasonality of foods, adapt/adapted, appearance, taste, texture, aroma</p>	<p><b>BREAD</b></p> <p>Safe, hygienic, recipe, adapted, substituting, food processing, grown, yeast, dough, crust, rise, knead, prove, texture,</p>

