



Design & Technology Vocabulary Progression Map



"You can't use up creativity. The more you use, the more you have"

Intent: Children to become independent, creative problem solvers and thinkers, which will help them to identify needs and opportunities for making constructions and products to fit in today's world.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Structures	<p>Junk Modelling Join, Stick, Cut, Bend, Slot, Scissors, Measure, Materials, Fix</p> <p>Boats Waterproof, Absorb, Prediction, Variable, Experiment, Investigation, Float, Sink, Junk</p>	<p>Stable Structures Better, Cut, Design Dislike, Even, Explain, Freestanding, Join, Like, Product, Stable Structure, Unstable User</p>	<p>Baby's Chair Function, Man-made Mould, Natural, Stable, Stiff, Strong, Structure, Test, Weak</p>	<p>Constructing a Castle 2D & 3D shapes, Castle, Design criteria, Evaluate, Façade, Feature Flag, Net, Recyclable, Scoring, Stable, Strong, Structure, Tab, Weak</p>	<p>Helmets Analyse, Effective, Iteration, Reflect, Strengthen</p>	<p>Bridges Abutment, Accurate, Arched bridge, Beam bridge, Coping saw, Evaluation, File, Mark out, Material properties, Measure, Predict, Reinforce, Research, Sandpaper, Set square, Suspension bridge, Tenon saw, Test, Truss bridge, Wood</p>	<p>Playgrounds Adapt, Apparatus, Bench hook, Cladding, Coping saw, Design, Dowel, Evaluation, Feedback, Idea, Jelutong, Landscape, Mark out, Measure, Modify, Natural materials, Plan view, Prototype, Reinforce, Sketch, Structure, Tenon saw, Texture, User, Vice</p>
Mechanisms		<p>Moving Story Book Assemble, Design Evaluation, Mechanism, Model, Sliders, Stencil, Target audience, Template, Test</p> <p>Wheels & Axels Axle, Axle holder, Better, Careful, Choose, Compare, Design, Dislike, Mechanism, Movement, Product Straight line, Tool, Turn, User, Wheel</p>	<p>Fairground Wheel Design brief, Design criteria, Evaluate, Frame, Model, Opinion, Rotate, Survey</p> <p>Moving Monster Evaluation, Input, Lever, Linear motion, Linkage, Mechanical, Mechanism, Motion, Oscillating motion, Output, Pivot, Reciprocating motion, Rotary motion, Survey</p>	<p>Pneumatic Toys Exploded-diagram, Function, Input, Lever, Linkage, Mechanism, Motion, Net, Output, Pivot, Pneumatic system, Thumbnail sketch</p>	<p>Mechanical Cars Bearing, Chassis, Force, Machine, Mechanism, Prototype, Target audience</p>	<p>Gears & Pulleys Annotate, Gear, Gear system, Input, Market research, Output, Problem statement, Pulley, Pulley system, Research, Sustainability, Teeth</p>	<p>Automata Toys Accurate, Automata, Axle, Bench hook, Cam Cam profile, Component, Cross-sectional diagram, Diagram, Dowel, Evaluate, Exploded-diagram, Follower, Form, Frame, Function Housing, Mechanism, Storefront, Visual</p>

Textiles	Bookmarks Thread, Weave, Pattern, Sew, Sewing needle, Embroider, Design, Evaluate		Pouches Accurate, Fabric, Knot, Pouch, Running-stitch, Sew, Shape, Stencil, Template, Thimble	Egyptian Collars Accurate, Applique, Cross-stitch, Cushion, Decorate, Detail, Fabric, Patch, Running-stitch, Seam, Stencil, Stuffing, Target audience, Target customer, Template	Fastenings Aesthetic, Assemble, Book sleeve, Design criteria, Evaluation, Fabric, Fastening, Mock-up, Net, Running-stitch, Stencil Target audience, Target customer, Template		
Cooking & Nutrition		Smoothies Blender, Fruit, Healthy, Ingredients Recipe, Smoothie, Vegetable, Seed, Root, Leaf, Stem, Flavour, Design, Cut Juice, Table knife, Juicer, Plant, Bushree, Vine, Chopping board, Fork, Taste, Select, Blend, Evaluate, Compare	Balanced Diet Appearance, Balanced, Carbohydrates, Combination, Dairy, Design, Design brief, Diet, Feel, Grate, Grater, Menu, Oils, Prepare, Proteins, Review, Scissors, Smell, Snip, Spread, Spreads	Eating Seasonally Arid, Climate, Complementary, Country, Export, Import, Mediterranean, Mock-up, Mountain, Peel, Polar, Seasonal, Seasons, Snip, Temperate, Texture, Tropical, Weather	Adapting a Recipe Adapt, Addition, Budget, Buttery, Combine, Comment, Construct, Cream, Crunchy, Cuboid, Fold, Hygiene, Layout, Market research, Modify, Multiplication, Opinion, Pounds, Sieve, Sift, Target audience, Texture, Unique	Developing a Recipe Abattoir, Adaptation, Balanced, Beef, Brand, Cook, Cross-contamination, Develop, Enhance, Equipment, Farm, Label, Measure, Nutrient, Nutrition, Nutritional value, Preference, Press, Process, Safety, Theme	Come Dine with Me Balance, Bitter, Bridge method, Complement, Cookbook, Farm to fork, Method, Nationality, Reared, Research, Pairing, Preparation, Salty, Sour, Storyboard, Sweet, Umami
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	Wobble Bots Annotate, Assemble, Electrical component, Motor	Steady Hand Game 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

Digital World				<p>Wearable Technology Analogue, Analyse, Annotate, Badge, CAD, Control, Design criteria, Develop, Digital, Digital revolution, Digital world, Display, Electronic, Fastening, Feature, Feedback, Form, Function Initiate Layers, Loops, Micro:bit, Monitor, Net, Point of sale, Product, Product concept, Program, Sense, Simulator, Smart, Technology Test, User</p>		<p>Monitoring Devices Alert, Ambient, Boolean, Consumables Decompose, Development, Device Duplicate, Durable, Electronic, Inventor, Lightweight, Man-made, Manipulate, Manoeuvre, Microplastics, Model, Monitor, Monitoring device, Moulded, Plastic pollution, Programming comment, Programming loop, Reformed, Replica, Research, Sensor, Sustainability, Synthetic, Thermometer, Thermoscope, Value, Variable, Versatile, Water-resistant, Workplane</p>	<p>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,</p>
----------------------	--	--	--	--	--	---	--