Birchwood Junior School

Design and Technology: Progression of Vocabulary

By discipline · Years 3 to 6

Our design and technology strands

Development Question | Design Inspiration | Technical Knowledge | Practical Knowledge | Design Process | Evaluate

The key vocabulary taught in each design and technology discipline, by year group. Shaded cells show a discipline that is not taught in that year.

	Cookery	Electrical Systems	Mechanical Systems	Digital World	Textiles	Structures
Year 3	Adapt, Budget, Chopping, Equipment, Evaluation, Flavour, Ingredients, Mashing, Methods, Presenting, Peeling, Target Audience, Unit of Measurement		Evaluation, Lever, Linear motion, Linkage, Mechanical, Mechanism, Motion, Design, Design brief, Design criteria, Exploded-diagram, Template		Accurate, Fabric, Knot, Pouch, Running stitch, Sew, Shape, Stencil, Template, Thimble	
Year 4		Battery, Circuit, Component, Conductor, Copper, Design, Design Criteria, Function, Insulator, LED, Modify, Parallel circuit, Series circuit, Switch, Target audience, Test, Wire		Assemble, Block, Branding, Bug, CAD, Clipart, Coding, Debug, Design criteria, Ergonomic, Evaluate, Form, Function, Logo, Model, Net, Pause, Process, Program, Prototype, Research, Template, Test, Timer, User, Variable	Accurate, Appliqué, Cross-stitch, Cushion, Decorate, Detail, Fabric, Patch, Running-stitch, Seam, Stencil, Stuffing, Target audience, Target customer, Template	
Year 5			Accurate, Assembly-diagram, Automata, Axle, Bench hook, Cam, Clamp, Component, Cutting list, Diagram, Dowel, Drill bits, Exploded-diagram, Finish, Follower, Frame, Function, Hand drill, Jelutong, Mark out, Measure, Mechanism, Model, Research, Right-angle, Set square, Tenon saw	Alert, Ambient, Boolean, Consumables, Decompose, Development, Device, Duplicate, Durable, Electronic, Inventor, Lightweight, Man-made, Manipulate, Manoeuvre, Microplastics, Model, Monitor, Monitoring device, Moulded, Plastic, Plastic pollution, Programming comment, Programming loop, Replica, Research, Sensor, Sustainability, Thermometer, Thermoscope, Value, Variable, Versatile, Water-resistant		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
Year 6	Beef, Cross-contamination, Diet, Ethical issues, Farm, Healthy, Ingredients, Method, Nutrients, Packaging, Pescatarian, Reared, Recipe, Research, Substitute, Supermarket, Vegan, Vegetarian, Welfare	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				Apparatus, Bench hook, Cladding, Coping saw, Design, Dowel, Evaluation, Feedback, Jelutong, Landscape, Mark out, Measure, Modify, Natural materials, Plan view, Prototype, Reinforce, Structure, Tenon saw, Texture, User, Vice