



Design and Technology Vocabulary Progression Map

	Year 3	Year 4	Year 5	Year 6
Evaluation	Cook Well Eat Well evaluate evaluation improve success Making it Move demonstrate discussion evaluate explain feedback finish improve improvement quality reflect strength structure	Fresh food, Good Food evaluation fulfil design criteria improve success Functional and Fancy appearance attractive design criteria evaluation improvement purpose review Success Tomb Builders change evaluate evaluation improve success	Making Mechanisms adjust design analysis deployment evaluate evaluation feedback focus group improvement iterative process problem-solve product prototype success test Architecture discuss evaluation improve	Food for Life evaluate evaluation feedback modification Reflect Engineer analysis evaluation feedback improve problem results Make do and Mend adapt change repurpose
Generation of Ideas	Cook Well Eat Well design design criteria diagram health and safety plan Making it Move design design criteria diagram	Fresh food, Good Food build deconstruct net reconstruct sketch Functional and Fancy annotate design criteria plan Sketch Tomb Builders annotated sketch labelled diagram prototype	Architecture computer-aided design design product	Engineer annotated diagram design design criteria exploded diagram modelling prototype test
Everyday Products	Cook Well Eat Well bake barbecue boil chop cook deseed dice fry grate grill hob ingredient method microwave mix oven peel prepare roast skin slice slow	Fresh food, Good Food Tetra Pak Tupperware bag bottle box can carton cling film compostable food packaging jar recyclable recycle reuse Functional and Fancy	Making Mechanisms heavy lifting equipment jack jack hammer machinery paint sprayer pneumatic machine pneumatic system Architecture	Food for Life convenience food minimally processed packaging processed ultra-processed unprocessed Make do and Mend blouse clothing dress fabric

	cooker steam	home furnishing home product Tomb Builders compound machine device simple machine	Baroque Classical Corinthian column Doric column Gothic Industrial Ionic column Modernist Postmodern Renaissance ancient Egyptian architecture building caryatid entablature frieze pediment prehistoric style sustainable temple	fashion garment handmade hat jacket jeans recycle repair shirt skirt sock trousers
Materials for purpose	Cook Well Eat Well Eatwell guide balanced calcium carbohydrate dairy diet fibre food group fruit healthy nutrient nutrition oil protein vegetable vitamin	Fresh food, Good Food Polystyrene card cardboard cling film glass paper plastic tin tin foil Functional and Fancy comfortable delicate durable fabric flexibility flexible lightweight man-made material natural property soft strength stretchy strong synthetic textile texture tough use versatile waterproof Tomb Builders characteristic material property rigid smooth Strength	Architecture appearance functional stability stiffness	Engineer stability strength strengthening Make do and Mend recycled
Mechanisms and Movement	Cook Well Eat Well <u>Food Standards Agency</u>	Tomb Builders axle compound machine effort first class force fulcrum inclined plane lever load pulley screw second class simple machine third class wedge wheel		
Significant People		Fresh food, Good Food Dr Ruben Rausing Earl Tupper Gerald Thomas	Architecture Roman builders ancient Egyptians prehistoric	Engineer Isambard Kingdom Brunel Sir Benjamin Baker

		Henry D Thatcher Jacob Perkins Kruger Brewing Company Louis Pasteur Nicolas Appert Peter Durand Ralph Wiley TV dinners Tetra Pak Tupperware William Cullen William Kellogg best before canning drying freezing pasteurisation pickling refrigeration salting saran wrap use by Functional and Fancy Arts and Crafts movement Morris & Co William Morris textile designer	builders	Sir John Fowler Thomas Telford engineer
Structure		Fresh food, Good Food cone cube cuboid hexagonal prism net packaging prototype triangular prism	Making Mechanisms brace lifting arm load stable strong structure strut sturdy Triangle Architecture column framework lintel post stability stiffness structure support	Engineer bridge force structure triangle
Food preparation and cooking		Fresh food, Good Food bake blender chop chopping board cool crush cut garlic press grate heat knife mash masher mix pastry brush peel slice spread tear wash		Food for Life bake blend boil brush chop cool crush cut dough fry halve health and safety heat hygiene knead mash mix peel pour prove recipe reheat simmer slow cook spoon spread sprinkle stir store yeast
Nutrition		Fresh Food, Good Food fresh healthy snack		Food for Life Eatwell guide balanced carbohydrate daily menu dairy diet fruit healthy oil organic protein vegetable

Compare and contrast		Functional and Fancy appearance colour compare component different embellishment function material pattern property purpose quality similar size	Making Mechanisms difference similarity	Food for Life advantage compare comparison disadvantage ingredient nutritional value taste texture use by date Engineer arch bridge beam bridge compare material span support suspension bridge truss bridge type Make do and Mend compare evaluate
Cutting and joining textiles		Functional and Fancy fraying hem pinking shears running stitch sew		Make do and Mend pin repair stitch tack
Decorating and embellishing Textiles		Functional and Fancy block printing diamond pattern structure trellis wey		Make do and Mend Velcro button embroidery fastening press stud ribbon sew tie toggle zip
Investigation	Making it Move, component cut join material test		Making Mechanisms equipment investigate problem-solve technique test version	Engineer concertina investigation layers shape strength Strengthening Make do and Mend Velcro blanket stitch button decorative embroidery fabric property fastening function investigate label needle observation press stud ribbon running stitch seam thread tie toggle whip stitch zip

Mechanisms and movement	Making it Move automaton toy axle cam component down elliptical cam follower heart cam hexagonal cam lever linkage machine mechanical mechanism motion movement off-centre circular cam pear cam rotational slider snail cam square cam up wheel		Making Mechanisms actuator air air pressure compress compressor force gas hinge lever movement piston plunger pneumatic system pneumatics power reservoir syringe valve	
Food Origins				Food for Life animal feed additive farm fertiliser labour intensive organic pesticide whole food

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