



Design and Technology Vocabulary

	EYFS	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
Compare and contrast	<ul style="list-style-type: none"> compare different comfortable compare different same uncomfortable compare different same unique loud material similar soft sound 	<ul style="list-style-type: none"> compare design different landmarks motif same spots stripes similar similarity 	<ul style="list-style-type: none"> appearance colour compare component different embellishment function material pattern property purpose quality similar size biome conservatory designer 	<ul style="list-style-type: none"> compare evaluate arch bridge beam bridge material span support suspension bridge truss bridge type advantage comparison disadvantage ingredient nutritional value taste texture

			<ul style="list-style-type: none"> • difference • purpose • similarity • structure • style • electrical product • manual product • usability 	<ul style="list-style-type: none"> • use by date • difference • similarity
Cutting and joining textiles	<ul style="list-style-type: none"> • cut • fabric • attach 	<ul style="list-style-type: none"> • cut • fabric • fasten • glue • join • needle • running stitch • sew • stitch • textile • thread • tie 	<ul style="list-style-type: none"> • fraying • hem • pinking shears • running stitch • sew 	<ul style="list-style-type: none"> • pin • repair • stitch • tack
Decorating and embellishing textiles	<ul style="list-style-type: none"> • fabric • glue • decorate 	<ul style="list-style-type: none"> • appliqué • button • decorative • embellishment • fabric 	<ul style="list-style-type: none"> • block printing • diamond • pattern structure • trellis • wey 	<ul style="list-style-type: none"> • button • embroidery • fastening • press stud • ribbon

		<ul style="list-style-type: none"> • printing • sequin • textile • bead • glue • sequin • stitch 		<ul style="list-style-type: none"> • sew • tie • toggle • Velcro • zip
<p>Electricity</p>	<ul style="list-style-type: none"> • battery • battery-operated toy • blender • break • buzzer • circuit • complete • device • dishwasher • electricity • engineer • fibre optic lights • flow • fridge • household appliance • kettle • lamp • machine • man-made device 		<ul style="list-style-type: none"> • cell • circuit • coding • complete circuit • component • electricity • incomplete circuit • lamp • LED • light-emitting diode • micro:bit • program • programming • push-to-break switch • push-to-make switch • reed switch • rocker switch • series circuit • toggle switch 	<ul style="list-style-type: none"> • circuit • circuit component • debug • electricity • micro:bit • programmable device • programming

	<ul style="list-style-type: none"> • microwave • motor • plug • power • program • remote-controlled vehicle • robot • switch • technology • toaster • torch • vacuum cleaner • waffle maker • washing machine 		<ul style="list-style-type: none"> • wire 	
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<p>Evaluation</p>	<ul style="list-style-type: none"> • adapt • change • design • record • share • stronger • strongest • compare • finished design • decide • explore • like 	<ul style="list-style-type: none"> • change • dislike • evaluate • evaluation • improve • like • success • change • strength • weakness • criteria • difficulty 	<ul style="list-style-type: none"> • evaluation • fulfil design criteria • improve • success • appearance • attractive • design criteria • improvement • purpose • review • change • evaluate 	<ul style="list-style-type: none"> • evaluate • evaluation • feedback • modification • reflect • constructive feedback • improvement • analysis • improve • problem • results • adapt
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	<ul style="list-style-type: none"> • improve • finished • product 		<ul style="list-style-type: none"> • demonstrate • discussion • explain • feedback • finish • quality • reflect • strength • structure • change • design criteria • effective • findings • observation • suitability • modification 	<ul style="list-style-type: none"> • change • repurpose • adjust design • analysis • deployment • focus group • iterative process • problem-solve • product • prototype • success • test
Everyday products	<ul style="list-style-type: none"> • bolt • buckle • explore • latch • lock • padlock • use • puppet • appliance 	<ul style="list-style-type: none"> • attractive • cushion • hardwearing • improve • peg bag • pillowcase • product • slippers • tablecloth 	<ul style="list-style-type: none"> • bag • bottle • box • can • carton • cling film • compostable • food packaging • jar 	<ul style="list-style-type: none"> • convenience food • minimally processed • packaging • processed • ultra-processed • unprocessed • accelerometer sensor • appliance • contact sensor

- blender
- cog
- DVD player
- electronic device
- keyboard
- kitchen
- laptop
- machine
- metal pieces
- microwave
- robot
- screwdriver
- toaster
- waffle maker
- wire
- camera
- eReader
- handheld fan
- headtorch
- sun hat
- wind up radio

- tea cosy
- tea towel
- toiletry bag
- function
- permanent
- protection
- purpose
- shelter
- structure
- temporary
- axle
- chassis
- vehicle
- wheel

- recyclable
- recycle
- reuse
- Tetra Pak
- Tupperware
- home furnishing
- home product
- compound machine
- device
- simple machine
- cloche
- cold frame
- greenhouse
- design feature
- nightlight
- programmable
- programmable device
- sensor
- switch

- level sensor
- light sensor
- mains
- monitor
- motion sensor
- proximity sensor
- sensor
- sound sensor
- temperature sensor
- blouse
- clothing
- dress
- fabric
- fashion
- garment
- handmade
- hat
- jacket
- jeans
- recycle
- repair
- shirt
- skirt
- sock
- trousers
- heavy lifting
- equipment

				<ul style="list-style-type: none">• jack• jack hammer• machinery• paint sprayer• pneumatic machine• pneumatic system• ancient Egyptian• architecture• Baroque• building• caryatid• Classical• Corinthian column• Doric column• entablature• frieze• Gothic• Industrial• Ionic column• Modernist• pediment• Postmodern• prehistoric• Renaissance• style• sustainable• temple
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<p style="text-align: center;">Food preparation and cooking</p>	<ul style="list-style-type: none"> • filling • foil • greaseproof paper • handwashing • hygiene • ingredient • lunch • picnic • sandwich • collect • mix • pour • prepare • rinse • separate • shake • spread • taste • wash • whisk • bake • instruction • method • preheat • recipe • scatter 	<ul style="list-style-type: none"> • handwashing • cut • chop • grate • grater • knife • mash • masher • peel • peeler • slice • tear 	<ul style="list-style-type: none"> • bake • blender • chop • chopping board • cool • crush • cut • garlic press • grate • heat • knife • mash • masher • mix • pastry brush • peel • slice • spread • tear • wash • bake • barbecue • boil • cook • deseed • dice 	<ul style="list-style-type: none"> • 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
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	<ul style="list-style-type: none"> • topping 		<ul style="list-style-type: none"> • fry • grill • hob • ingredient • method • microwave • oven • prepare • roast • skin • slow cooker • steam 	<ul style="list-style-type: none"> • sprinkle • stir • store • yeast • brown • cooked • dice • food hygiene • food preparation • grate • puree • raw • sauté • steam
<p>Generation of ideas</p>	<ul style="list-style-type: none"> • adapt • build • choose • communicate • cooperate • create • den • discuss • material • resource • select • share • talk 	<ul style="list-style-type: none"> • design • design criteria • drawing • equipment • ingredient • instruction • label • method • picture • recipe • test • describe • diagram 	<ul style="list-style-type: none"> • build • deconstruct • net • reconstruct • sketch • annotate • design criteria • plan • annotated sketch • labelled diagram • prototype • design • diagram 	<ul style="list-style-type: none"> • design criteria • exploded diagram • annotated diagram • design • modelling • prototype • test • computer-aided design • product

	<ul style="list-style-type: none"> • test • try out • idea • design • explore • discussion • change • describe • explain • cooperate • model 	<ul style="list-style-type: none"> • bag tag • explore • talk • design • design criteria • drawing • frame • function • idea • material • plan • purpose • shape • size • criteria • idea 	<ul style="list-style-type: none"> • health and safety • design criteria • dimension 	
Investigations	<ul style="list-style-type: none"> • look • picture • read • explore • cutting • hole punch • move • split pin 	<ul style="list-style-type: none"> • fork • grate • grater • grip • knife • mash • masher • measure • measuring spoon • mix 	<ul style="list-style-type: none"> • component • cut • join • material • test • bench hook • butt joint • explore • G clamp • gluing 	<ul style="list-style-type: none"> • blanket stitch • button • decorative • embroidery • fabric property • fastening • function • investigate • label • needle

- peel
- peeler
- property
- purpose
- slice
- spoon
- spread
- tongs
- tool
- cut
- finish
- model
- support
- tool
- cut
- equipment
- glue
- join
- sewing pattern
- stapler
- attach
- evaluate
- strong
- weak
- chop
- tear

- hacksaw
- hot glue gun
- improve
- investigate
- joining
- reinforcing
- strengthening
- triangular corner

- observation
- press stud
- ribbon
- running stitch
- seam
- thread
- tie
- toggle
- Velcro
- whip stitch
- zip
- concertina
- investigation
- layers
- shape
- strength
- strengthening
- equipment
- problem-solve
- technique
- test
- version

<p>Materials for purpose</p>	<ul style="list-style-type: none"> • fabric • hessian • protection • safe • strongest • choice • material • choose • combine • loud • purpose • quantity • soft • sound • suitable 	<ul style="list-style-type: none"> • decorative • embellishment • fabric • material • textile • property • use • brick • construction • rope • stick • tarpaulin • wooden cane • purpose 	<ul style="list-style-type: none"> • card • cardboard • cling film • glass • paper • plastic • Polystyrene • tin • tin foil • comfortable • delicate • durable • fabric • flexibility • flexible • lightweight • man-made • material • natural • property • soft • strength • stretchy • strong • synthetic 	<ul style="list-style-type: none"> • stability • strength • strengthening • recycled • appearance • functional • stiffness

			<ul style="list-style-type: none"> • textile • texture • tough • use • versatile • waterproof • characteristic • rigid • smooth • hardwearing • property • purpose • transparent • conductive • non-conductive • purpose 	
<p>Mechanisms and Movement</p>	<ul style="list-style-type: none"> • ambulance • emergency vehicle • fire engine • helicopter • lifeboat • police car • police motorbike • wheel • aeroplane • axle 	<ul style="list-style-type: none"> • axle • chassis • connect • move • roll • wheel 	<ul style="list-style-type: none"> • axle • compound machine • effort • first class • force • fulcrum • inclined plane • lever • load • pulley 	<ul style="list-style-type: none"> • actuator • air • air pressure • compress • compressor • force • gas • hinge • lever • movement

- bicycle
- boat
- bus
- car
- carriage
- lorry
- motorbike
- ship
- tractor
- train
- tram
- transport
- truck
- van
- campervan
- chassis
- construction vehicle
- digger
- dirt bike
- feature
- hovercraft
- rocket
- space vehicle
- vehicle
- moon buggy
- attachment
- bucket

- screw
- second class
- simple machine
- third class
- wedge
- wheel
- automaton toy
- 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

- piston
- plunger
- pneumatics
- pneumatic system
- power
- reservoir
- syringe
- valve

	<ul style="list-style-type: none"> combine harvester cutter farm vehicle trailer 		<ul style="list-style-type: none"> up 	
<p>Nutrition</p>	<ul style="list-style-type: none"> breakfast food fruit healthy honey ingredient milk porridge snack appearance boil change colour cook creamy fresh heat juicy pasta ripe salad tangy 	<ul style="list-style-type: none"> ingredient measure preparation flavour fruit healthy salad vegetable 	<ul style="list-style-type: none"> fresh healthy snack balanced calcium carbohydrate dairy diet Eatwell guide fibre food group fruit nutrient nutrition oil protein vegetable vitamin 	<ul style="list-style-type: none"> balanced carbohydrate daily menu dairy diet Eatwell guide fruit healthy oil organic protein vegetable fat fibre fresh kilocalorie kilojoule mineral nutrient nutritional value salt saturated fat

	<ul style="list-style-type: none"> taste texture ham meat mushroom pizza sweetcorn sweet pepper vegetable 			<ul style="list-style-type: none"> seasonal food soup sugar vitamin
Origins of food	<ul style="list-style-type: none"> animal source cereal cheese dairy flour food fruit grown meat milk nut oil pasta plant source rice sugar vegetable 	<ul style="list-style-type: none"> animal diet fish flower fruit leaf mixed nut plant pulse root seed shellfish source stem vegan vegetarian 	<ul style="list-style-type: none"> animal livestock organic diet plant agriculture produce farming crops 	<ul style="list-style-type: none"> animal feed additive farm fertiliser labour intensive organic pesticide whole food produce seasonal fruit seasonality seasonal vegetable

	<ul style="list-style-type: none"> • yoghurt 	<ul style="list-style-type: none"> • dairy product • leaf • meat 		
<p>Significant people & linked key words</p>	<ul style="list-style-type: none"> • transport designers • vehicle • transport 	<ul style="list-style-type: none"> • brand • Cath Kidston • distinctive • fashion • homeware designer • inspire • textile • vintage • product • taxi • transport • vehicle 	<ul style="list-style-type: none"> • best before • canning • Dr Ruben Rausing • drying • Earl Tupper • freezing • Gerald Thomas • Henry D Thatcher • Jacob Perkins • Kruger Brewing Company • Louis Pasteur • Nicolas Appert • pasteurisation • Peter Durand • pickling • Ralph Wiley • refrigeration • salting • saran wrap • Tetra Pak • Tupperware • TV dinners 	<ul style="list-style-type: none"> • engineer • Isambard Kingdom • Brunel • Sir Benjamin Baker • Sir John Fowler • Thomas Telford • ancient Egyptians • prehistoric builders • Roman builders

			<ul style="list-style-type: none"> • use by • William Cullen • William Kellogg • Arts & Crafts movement • Morris & Co • textile designer • William Morris • Foods Standards Agency 	
Staying safe	<ul style="list-style-type: none"> • command • instruction • safe 	<ul style="list-style-type: none"> • equipment • safety • tool • hygiene • rule 	<ul style="list-style-type: none"> • safety rules • supervision 	<ul style="list-style-type: none"> • safety rules • precaution • safety
Structures	<ul style="list-style-type: none"> • construct • large • attach • building • bungalow • colour • create • cut • door • flat • glue • house 	<ul style="list-style-type: none"> • construct • frame • join • joint • stable • stiff • strengthen • structure • appearance • construction • design • entry point 	<ul style="list-style-type: none"> • cone • cube • cuboid • hexagonal prism • net • packaging • prototype • triangular prism • diagonal strut • frame structure • stability • strength 	<ul style="list-style-type: none"> • bridge • force • structure • triangle

- join
- make
- roof
- size
- stick
- window
- bridge
- build
- castle
- strong
- wall
- model
- adapt
- add
- choose
- cover
- select
- spacecraft
- cathedral
- construction
- mill
- palace
- pyramid
- sturdy
- temple
- windmill
- den

- finish
- functionality
- joining
- model
- product
- roof
- safety
- tools
- wall
- part
- test

- three-dimensional
- triangular shape

	<ul style="list-style-type: none"> • shelter 			
<p>Use of ICT</p>	<ul style="list-style-type: none"> • camera • film • photograph • recording equipment • tablet • video 		<ul style="list-style-type: none"> • coding • micro:bit • program • programming 	<ul style="list-style-type: none"> • coding • debug • environmental • variable • LED • light-emitting diode • light sensor • micro:bit • program • programmable sensor • programming • sensor • brace • lifting arm • load • stable • strong • structure • strut • sturdy • triangle • column • framework • lintel

				<ul style="list-style-type: none">• post• stability• stiffness• support
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