

Designing	Modelling	Constraints	Prototype	Recycle
User	Final design	Research	Cross sectional drawing	Reduce
Purpose	Mind map	Survey	Resource	Reuse
Idea	Pattern	Interview	Design process	Construction
Product	Shape	Questionnaire	Disassembly	Designer
Function	Technology	Design feature	Engineering	Inventor
Planning	Storyboard	Computer aided design (CAD)	Product analysis	Chef
Sketch	Evaluate	Annotate	Style	Manufacturer
3D	Feature	Innovative	Appearance	Inventor
2D	Taste Test	Investigating	Sensory evaluation	
Label		Design criteria	Modify	
Drawing		Exploded diagram	Existing product	
Decision		Design brief	Sustainable	



Ingredient	Sharp	Texture	Roll out	Protein	Processed
Healthy diet	Crisp	Preference	Shape	Vitamin	Seasonal
Hygienic	Cutting	Chopping	Sprinkle	Nutrition	Seasonality
Taste	Peeling	Slicing	Crumble	Gluten	Harvested
Smell	Grating	Spreading	Greasy	Dairy	Source
Cook	Fruit	Simmer	Moist	Allergy	Energy
Bake	Vegetable	Boil	Fresh	Intolerance	Fibre
Soft/hard		Mixing	Savoury	Edible	
Juicy		Knead	Eatwell guide	Grown	
Crunchy		Combine	Nutrients	Reared	
Sweet/sour		Fold	Fat	Caught	
Sticky		Whisk	Sugar	Frozen	
Smooth		Pour	Carbohydrate	Tinned	



Freestanding structure

Wall

Frame

Weak/strong

Base

Top

Underneath

Side

Edge

Surface

Thinner/thicker

Stiff

Stable

Corner

Point

Straight/curved

Circle

Triangle

Square

Rectangle

Cuboid

Cube

Cylinder

Shell structure

Three-dimensional

shape

Net

Prism

Length

Width

Capacity

Scoring

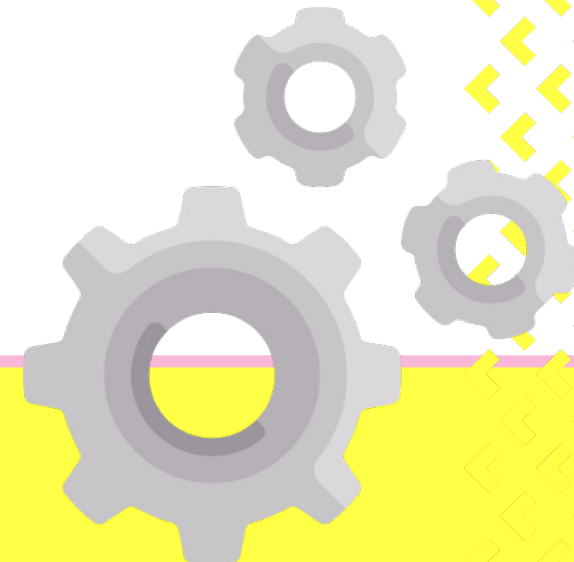
Shaping

Assemble

Accuracy



Mechanism	Body	Mechanical system	Oscillating	Pneumatic
Slider	Fixed	Linkage	Reciprocating	system
Lever	Moving	Spring	Rotary	Control
Wheel		Ratchet	Cam	Compression
Axle		Gear	Snail cam	Pressure
Pivot		Gear ratio	Off centre cam	Inflate/deflate
Slot		Pulley	Pear shaped cam	Pump
Pull/push		Motor	Follower	Air tight
Up/down		System	Shaft	Driver
Forward/backward		Input	Crank	
Vehicle		Process	Handle	
Wheel		Output	Housing	
Chassis		Linear	Framework	



Electricity

Current

Circuit

Series circuit

Parallel circuit

Push to make switch

Toggle switch

Slide switch

Battery

Battery holder

Bulb

Bulb holder

Buzzer

Wire

Insulator

Conductor

Crocodile clip

Control

Light emitting diode LED

Voltage

Resistance

Program

System

USB connector

Download

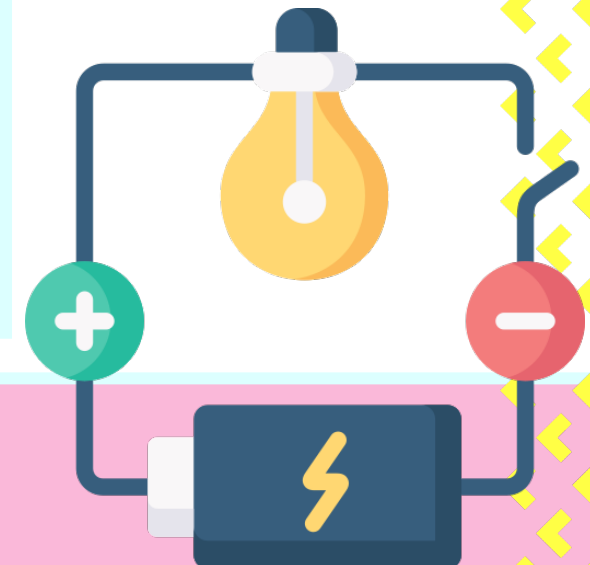
Control

Microcontroller

3D printer

Laser cutter

Vinyl cutter



Textile

Template

Fabric

Cotton

Wool

Felt

Ribbon

Fray

Stretchy

Waterproof

Sew

Fastening

Compartment

Zip

Button

Structure

Strength

Weakness

Stiffening

Template

Stitch

Seam

Seam allowance

Prototype

Velcro

Press-stud

Hook and eye



Pencil
Paper clip
Stapler
Scissors
PVA
Pritt stick
Masking tape
Sellotape
Blu tac
Hole punch
Crayon
Paint
Pencil

Pens
Compass
Stencil
Hand reamer



Steel ruler
Try-square
Bench hook
Bench vice
G-Clamp
Junior hacksaw
Pliers
Hammer
Stanley knife
Cutting mat
Glue gun
Wire stripper
Nail

Screw
Apron
Safety goggles
Sand paper
Screwdriver



Needle

Thread

Fabric scissors

Sewing machine

Tape measure

Pin

Needle threader

Tailors chalk



Can opener

Chopping board

Sharp knife

Cutlery

Bread knife

Dishcloth

Pan

Sieve

Grater

Biscuit cutter

Scales

Whisk

Wooden spoon

Table spoon

Teaspoon

Fork

Knife

Baking tray

Mixing bowl

Measuring jug

Masher

Peeler

Spatula

Foil

Hob

Grill

Juicer

Kettle

Garlic press

