



'In faith we grow and flourish'

Design and technology - Vocabulary progress

Design

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
design product user mock-up sketch test	survey opinion design brief design criteria model label purpose	computer-aided design diagram thumbnail sketch	target audience cross-sectional diagram prototype	annotate market research exploded diagram	constraint

Make

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
choose tools join cut straight line space even safety decorate	select measure curved material dowel	accurate asymmetrical equipment components finish form function instructions plan symmetrical wood	width length research	assemble equipment list risk	N/A

Evaluate

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
like dislike better worse explain compare	evaluate improve	investigate successful feedback	analyse effective reflect iteration	sustainable inform technique specific	aesthetic innovative alternative

Technical knowledge

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Mechanisms	slider wheel axle axle holder mechanism turn movement	pivot lever rotate frame machine direction	—	—	—	—

Structures	base freestanding stable structure unstable	strong weak thicker thinner shape stiff flexible	shell structure net three dimensional tab	strengthen	frame structure	triangulation reinforce
Textiles	thread needle fabric pattern stitch weave	template running stitch seam sew	textiles cross-stitch embroidery applique embellish pinking	fastening pinning	blanket stitch tacking appendage	pattern piece seam allowance
Cooking and nutrition	fruit vegetable ingredient taste smell chop mix healthy	balanced diet peel grate	recipe seasonality imported stir flavour texture	substitute portion sieve	nutritional value savoury cross-contamination fibre	dietary requirement farm rear

Mechanical systems	—	—	mechanical system pneumatic housing push pull input output	force increase chassis bearing	fixed pivot moving pivot gear pulley teeth linkage	cam cam profile linear rotational follower
Digital world	—	—	control LED code input output program technology	download	monitor data	wireless
Electrical systems	—	—	electrical	battery bulb electricity wire switch circuit buzzer	motor flow charge push	N/A

**Words on this page are classified as Tier 2 words unless stated otherwise.*