

**WCE Design Technology vocabulary progression.**

Ensure that vocabulary from previous year groups is being used and built on.

Design Technology Vocabulary progression								
	Design skills	Structure	Textiles	Cooking and Nutrition	Mechanisms	Electrical Systems	General	Disciplinary
<b>F2</b>	design plan existing design idea materials designer crafts person	structure Joining materials: gluing, folding, taping, typing, slotting, flanging construct tools structure/model	textile joining materials: gluing, folding, taping, typing, slotting, flanging	germs wash/clean ingredients texture: lumpy, smooth, crunchy  sweet, sour, salty, spicy, bland  energy sieve/ colander knife and fork			improve: good/bad planning make	like and dislike
<b>Y1</b>	design criteria annotated sketch functional architect user	free standing structure stable structure strong measuring and marking brick bonding buttress frame structure triangulation		farm to table eatwell plate bridge cutting free standing grater mash store recipe chop	mechanisms lever/bar pivot linear motion reciprocating motion movement slider		investigate product evaluate step by step	compare
<b>Y2</b>	purposeful template prototype	wide, flat base stiff, stable	sewing knot running stitch taut needle beads, ribbon, sequins, fabric pens	claw grip peeling varied diet	wheels vehicle axle- fixed and free chassis rotate/ rotary motion			justify examine observation
<b>Y3</b>	exploded diagram fit for purpose adapt		seam seam allowance whipstitch pattern	spreading food intolerance reared, caught, processed savoury	pneumatic compressed air syringe plastic tubing			strength/weakness

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Y4	cross-section aesthetic	shell structure net		palatable knead dough gluten increment scale wet/dry ingredients		electrical energy transport series circuit elements path bulb switch battery wire		argue judge
Y5	innovative		backstitch fastening strengthen, stiffen, reinforce 3D textile tack	convert portion size	cam linkage g-clamp/ bench hook junior hacksaw pulley gear		report product testing	relate criticise
Y6	computer Aided Design (CAD) isometric drawing	triangle joint hammer nail stabilise		bacteria yeast nutritional value guideline		buzzer electrical motor	product analysis survey, questionnaire market research refine	