

## GHS Vocabulary Progression for Design Technology

	R	1	2	3	4	5	6
Design		after before design first/second (etc) generate ideas last next plan product technology then when	appeal at the same collage construction criteria earlier fashion function later model object overview paste period process project purpose relief since style time as	3D projection label mock-up organise prototype purpose realistic research scale sketch version	audience cross-section cultural exploded diagram scale-bar	incorporate preliminary process reference sketchbook	budget detail explain function limitation purpose sophisticated

<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Make</b></p>		<p>construction cut drawing make measure painting printing stick trace</p>	<p>axles join knit levers mechanism sew sliders textile tools wheels</p>	<p>assemble circuit construct digital graphics dye fabric fabric paints hemming precision tie-dye weave</p>	<p>backstitch blanket stitch bulb buzzer finishing technique motor program score series template whip stitch</p>	<p>cam gear hydraulic light emitting diode (LED) lever pneumatic pulley</p>	<p>light dependent resistor pin tape</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Appreciate, evaluate, describe</b></p>		<p>different effect improve photograph share similar</p>	<p>compare contrast critique depth describe layer stable stiff strong suggest views</p>	<p>clarify opinion quality</p>	<p>aesthetic alter appeal characteristic convention develop fit for purpose impact improvement innovativeness pattern piece restart structure unique</p>	<p>constructive feedback reasonable refine sensitive suggestion</p>	<p>analyse critique showcase</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Materials and tools</b></p>		<p>knife material metre ruler pattern ruler scissors textile</p>	<p>crocheting sticks fastener knitting needles scales set square soft tape-measure</p>	<p>metallic tape-measure protractor sandpaper screwdrivers spirit level</p>	<p>adult scissors (to cut) compass glue gun scissors (to score) sewing needle Stanley knife</p>	<p>chisel hammer mallet nails vice</p>	<p>power tools saw</p>

Cookery		healthy ingredients savoury surface sweet	butter knife flour grate (carrot, cheese) grater hot measure oven peeler (carrots, potatoes) prepare salt seasoning sieve	bake bread break (eggs) combine crush (garlic) dough egg fresh grow (plants) mash (potato) moist raising agent slice (fruit and salad) tinned utensil	bridge (to hold harder veg) caught cream (fat/sugar) edible frozen grate (lemon peel) greasy harvested hygienic microwave reared safe seasonal toaster whisk	allergy fish slice fold gluten herbs intolerance knead mix nutrients pour processed separate (egg white/yolk) smooth spice texture	carbohydrate fat fibre oven gloves protein recipe store sugar vitamins wholemeal yeast
	Design Technology terminology		above below centre close to direction down far further higher near newer older position roughly underneath up	components fold join left materials range (not the maths sense) reflect right roll safety sloped	accurate annotate chronological digital input mechanical mould output perspective shape structure technique	cause computer-aided design consequence continuity former intricate latter medium phase precision trend uncertain	complex contemporary context dominate enduring exceptional flowchart prior sparse subsequent

Mathematical content		anticlockwise table tally	block diagrams cm degrees (°c) grams litres nearest cm nearest g pictogram scale (1s, 2s, 5s, 10s) symmetrical tally chart temperature	2D shapes angle approximate area bar chart convert distance estimate length measure measurements nearest 10ml nearest 45° for angle nearest mm parallel perpendicular scales units	3d shape vocab concave continuous data convex decrease describe location describe shape discrete data estimate angle estimate capacity estimate distance estimate length estimate mass increase time graph	average diagonal equivalence estimate area estimate temperature imperial units median metric mode nearest angle ° range rotation timetables	area concentric convert intersecting mean average pie chart radial volume
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