Design and Technology

Design and Technology vocabulary ✓

Working With Food

Term	Heard	Used	Term	Heard	Used	Term	Heard	Used
aeration	☐	☐	fat	☐	☐	nutritional profile	☐	☐
anaemia	☐	☐	food probe	☐	☐	protein	☐	☐
calcium	☐	☐	food properties	☐	☐	risk assessment	☐	☐
carbohydrate	☐	☐	Health and Safety	☐	☐	sensory evaluation	☐	☐
coagulate	☐	☐	malnutrition	☐	☐	trace elements	☐	☐
control checks	☐	☐	nutrients	☐	☐	unit operations	☐	☐
emulsification	☐	☐	nutrition	☐	☐	vitamins	☐	☐

Working With Fabrics

Term	Heard	Used	Term	Heard	Used	Term	Heard	Used
assembly	☐	☐	fitness for purpose	☐	☐	quality	☐	☐
basic pattern block	☐	☐	flame retardant	☐	☐	recycled	☐	☐
biodegradable	☐	☐	generic	☐	☐	risk assessment	☐	☐
breathable	☐	☐	international Standards Authority (ISA)	☐	☐	safety	☐	☐
British Standards Institute (BSI)	☐	☐	performance properties			safety procedures and regulations	☐	☐
chemical finish	☐	☐	physical finish	☐	☐	sensory tests	☐	☐
drape	☐	☐	performance requirements	☐	☐	specifications	☐	☐
fibres and fabric	☐	☐	prototype	☐	☐	standards	☐	☐

Working With Resistant Materials

Term	Heard	Used	Term	Heard	Used	Term	Heard	Used
arris	☐	☐	knock down joints	☐	☐	properties of materials	☐	☐
assembly jigs	☐	☐	lacquering	☐	☐	riveting	☐	☐
die casting	☐	☐	laminating	☐	☐	selecting materials	☐	☐
drop forging	☐	☐	machine buff	☐	☐	shaping processes	☐	☐
ductility	☐	☐	malleability	☐	☐	template	☐	☐
elasticity	☐	☐	mill	☐	☐	thermoplastics	☐	☐
fabrication	☐	☐	modified timber	☐	☐	thermosetting plastics	☐	☐
finishing materials	☐	☐	moulding	☐	☐	vice	☐	☐
forming processes	☐	☐	non ferrous	☐	☐	wasting	☐	☐
joining materials	☐	☐	opacity	☐	☐	wet and dry paper	☐	☐

Working with Graphics

Term	Heard	Used	Term	Heard	Used	Term	Heard	Used
block modelling	☐	☐	geometrical drawing	☐	☐	model making	☐	☐
computer aided design	☐	☐	hexagons	☐	☐	octagons	☐	☐
computer aided manufacture	☐	☐	injection moulding	☐	☐	packaging & printing	☐	☐
			IT & manufacturing systems	☐	☐	pentagons	☐	☐
desktop publishing	☐	☐	laminating	☐	☐	quality control	☐	☐
die cutting	☐	☐	logistics	☐	☐	scale	☐	☐
ellipses	☐	☐	MDF	☐	☐	screen printing	☐	☐
embossing	☐	☐				sheet modelling	☐	☐

Design and Technology

Throughout your Design & Technology course you will be expected to design and make different products using a wide range of skills. You will also be expected to show your knowledge and understanding of the tasks and assignments which are given to you. Use this checklist to show where you have used each important skill, and the grade/level awarded for that part of your project.

Designing	Assignment/Task	Date	Grade /Level
Clearly **describe** the problem which you have been asked to solve.			
Use a variety of appropriate sources to **research** relevant information.			
Thoroughly **analyse** the task and your research material.			
Produce a detailed **specification** from your analysis.			
Write down **ideas** or **proposals** which satisfy your specification.			
Use your proposal and other knowledge to develop a design **solution.**			
Test, evaluate and **modify** your ideas and proposals.			
Use **graphics** and **IT skills** to communicate your design to others.			
Consider **industrial practices** and **systems** and **control** relevant to your project.			

Making			
Plan the correct sequence of activities for making your product.			
Identify and correct any **errors** or need for **modifications**.			
Use appropriate **equipment** and **processes** correctly and safely.			
Produce a completed **product** of good **quality**.			
Show that the **accuracy** and **finish** of your product satisfies the demands of your design solution.			
Evaluate and review your project and suggest how any improvements could have been made at any stage.			