

DT11 Designing, communicating and making



Personal learning checklist | 1 of 2

AQA GCSE Design and Technology 8552 | Written examination · Shared theory and skills

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Use your taught examples and supervised practical evidence. Quick checks support concepts; design and making need demonstration and judgement.

I can	Red	Amber	Green
Strategies and development			
Use collaboration and user-centred research to develop alternatives.	☐	☐	☐
Record iterations linking tests, changes and retests while avoiding fixation.	☐	☐	☐
Model and integrate sub-systems while checking interfaces.	☐	☐	☐
Choose models/prototypes and state what each can and cannot test.	☐	☐	☐
Evaluate a prototype against measurable requirements and relevant feedback.	☐	☐	☐
Communication			
Communicate ideas with annotated isometric and perspective sketches.	☐	☐	☐
Produce third-angle working drawings with dimensions, scale and conventions.	☐	☐	☐
Explain assembly and function through exploded and schematic drawings.	☐	☐	☐
Use CAD/CAM and mathematical models with validated assumptions and units.	☐	☐	☐
Select and annotate photographs or recordings as development evidence.	☐	☐	☐

My next revision priority _____

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I can	Red	Amber	Green
Material management and safe making			
Select materials/processes using properties, quantity, fit and safety.	☐	☐	☐
Specify achievable tolerances and compatible fits.	☐	☐	☐
Plan sequence, stock, datums, nesting and quality checks.	☐	☐	☐
Demonstrate supervised tool use with guarding, extraction and safe adjustment.	☐	☐	☐
Prepare and apply compatible functional/aesthetic finishes.	☐	☐	☐

My next revision priority _____