

DT5 Timber-based materials



Personal learning checklist | 1 of 2

AQA GCSE Design and Technology 8552 | Written examination · Specialist area · Timber-based materials

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
Sources and properties			
Explain conversion, air/kiln seasoning and moisture-related movement.	☐	☐	☐
Select hardwoods and softwoods without confusing origin with hardness.	☐	☐	☐
Compare plywood, MDF and chipboard using structure and performance.	☐	☐	☐
Explain grain direction and bonded laminations under loads.	☐	☐	☐
Justify safe timber toy and flat-pack furniture materials and construction.	☐	☐	☐
Stock, tools and joints			
Specify timber stock, cutting allowances and suitable standard fittings.	☐	☐	☐
Mark from datums and explain accurate sawing, drilling and chiselling.	☐	☐	☐
Plane and sand appropriately with supervised dust control.	☐	☐	☐
Select and explain butt, rebate, dowel and mortise-and-tenon joints.	☐	☐	☐
Compare routing and turning with suitable production aids and safety.	☐	☐	☐

My next revision priority _____

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

I can	Red	Amber	Green
Production, quality and finishes			
Check dimensions, squareness and joint fit against measurable criteria.	☐	☐	☐
Prepare and select paint, varnish, oil or preservative treatment.	☐	☐	☐
Evaluate traceable sourcing, repair and safe end-of-life disposal.	☐	☐	☐

My next revision priority _____