

**Subject: Design and Technology A Level December 2023 mock**

**Exam Board: AQA**

**Exam length 2 hour 30 minutes – 120 marks**

**Paper 1**

Precious metal clays  
Low carbon steel  
Material properties  
Rapid prototyping  
Galvanising  
Smart materials  
Cellulose acetate  
Fluted polypropylene  
Styrofoam  
Die casting  
Polymer additives  
Pressure treatment  
Polymer extrusion  
Bought in components  
Blow moulding  
Injection moulding  
Processes of producing PSE stock forms in timber  
Jigs  
Finite Element Analysis (FEA)  
Tungsten carbide  
Marketing

**Maths topics**

Ratios  
Volume  
Calculating Area  
Plotting data  
Diameter of cylinders  
Trigonometry

**Useful revision resources:**

AQA A Level Revision Guide  
[www.technologystudent.com](http://www.technologystudent.com)  
[www.howitsmade.com](http://www.howitsmade.com)

**Revision Tips**

Read over your notes in each section of the textbook. Make revision resources (posters, cue cards, shortened notes, spray diagrams, post it notes etc.) complete quizzes, watch videos, complete exam questions and check against the mark scheme