



**Respect
Ambition
Resilience**

Product Design

**Y11 Exam/NEA
Information**

KEY DATES

November Mock – Wednesday 12th – 9am

February Mock March

NEA (Coursework) Target Deadline – 9th March

Summer Exam – 10th June



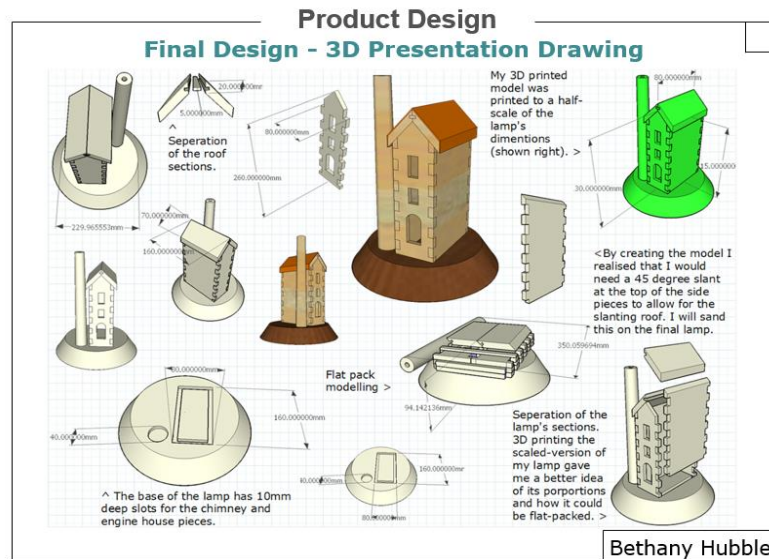
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EXAM BOARD OVERVIEW - COURSEWORK



- Coursework – 50%
- Max 100 marks
- Quality product
- 20-page folder
- Over 26 weeks approx.

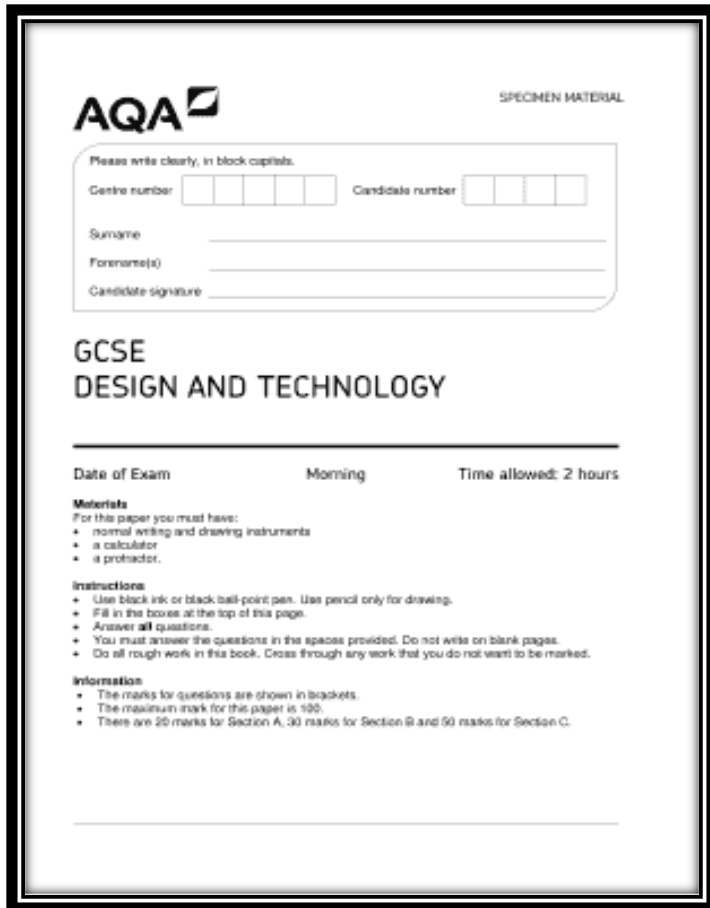


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EXAM BOARD OVERVIEW – WRITTEN PAPER



The image shows the front cover of an AQA GCSE Design and Technology exam paper. At the top left is the AQA logo. To its right, it says 'SPECIMEN MATERIAL'. Below the logo, there is a section for candidate information with the instruction 'Please write clearly, in block capitals.' This section includes boxes for 'Centre number' and 'Candidate number', and lines for 'Surname', 'Forename(s)', and 'Candidate signature'. Below this is the title 'GCSE DESIGN AND TECHNOLOGY'. Further down, it specifies 'Date of Exam', 'Morning', and 'Time allowed: 2 hours'. There are three sections of text: 'Materials' (listing normal writing and drawing instruments, a calculator, and a protractor), 'Instructions' (listing rules for using black ink, filling in boxes, answering all questions, and not writing on blank pages), and 'Information' (listing that marks are shown in brackets, the maximum mark is 100, and the mark distribution is 20 for Section A, 30 for Section B, and 50 for Section C).

- Exam - 50%
- 2-hour exam
- Max 100 marks
- Exam Paper - 3 sections
- A – Wider subject knowledge (20 marks)
- B - Specialist technical principles (30 marks)
- C – Designing and making principles (50 marks)



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RESOURCE LOCATION

All support materials can be found on your son/daughters Teams folders. NEA support documents (how to get a grade 9) Revision resources, websites and guides.

- *The following links are good resources to help you organise your revision:*
- Useful website 1: BBC - Core knowledge & test yourself - <https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>
- Useful website 2: <https://www.focuselearning.co.uk/u/36615/sBbDrxcpaDnAeDhnAyscyvBFgasmxBiyy>
- Useful website 3: <https://senecalearning.com/en-GB/>



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REVISION GUIDES

- *The following revision guide will help you plan your revision:*
- AQA approved revision guide – Available on the Teams (free digital copy)
- Physical copies can be borrowed



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MOCK 1 - CONTENT

Year 11 Product Design/Textiles – Mock 1

Mock Exam 2 - Information

- **November 2024** – Thursday 21st November – 9am
- Venues: see your form tutor
- 2-hour exam
- Worth 50% of your GCSE so revise well
- 100 marks so aim for a mark a minute. This will leave you 20 minutes to go back over and check the paper.

Top Tips

- Make good use of your revision guide – the exam is taken from that!
- Useful site 1: <https://www.bbc.co.uk/bitesize/examspecs/zhzy2bdm> (make sure you use AQA section)
- Useful website 2: www.technologystudent.com
- Use the checklist below to plan your revision

Revision topics

4 types of movement	✓
Manufactured boards	
Types of force	
Lamination (laminating wood)	
Wasting processes – such as using a lathe – learn one in detail	
Types of paper/board	
Timbers – source – processing into a useful form (life cycle – from a tree to a product)	
Quality Assurance / Quality Control / Tolerance	
Command words – analyse and evaluate (what do they mean)	
Consumer issues – 6Rs / Sustainability – have a few products in mind (single use plastics etc)	
Anthropometrics / Ergonomics	
Why do designers collaborate when designing? Learn some examples of products that have been made by 2 companies or designers	
Surface finishes – why do we use them? aesthetic & functional reasons	
Orthographic and isometric drawing – practice these techniques – learn how to convert an orthographic drawing into an isometric drawing	
Modelling – benefits of modelling / examples	
Safety and using tools	
Production – one/off / batch / mass / Just in time (JIT)	

For the Exam –you must bring with you:

- Black or Blue pen (including spares)
- Pencil to draw with
- Ruler
- Pencil Sharpener
- Protractor
- Calculator – will be required in real exam also – you will be asked some basic maths questions

A copy of this content is available on your son/daughters Teams and on the hand outs.



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HOW CAN PARENTS/CARERS HELP?

1. Support your son/daughter to meet the deadlines (checking their work – is it the best they can do?)
2. Ensuring your son/daughter does 1 hour of homework per week – NEA/Revision style work (again checking they have done this)
3. Please encourage your son/daughter to attend extra sessions
4. Encourage your son/daughter to start revising now – create a timetable and start now!
5. Materials – all project material must be provided (preference for recycled)



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POST-16 OPPORTUNITIES

Recent Successes / Student Destinations

Huish Sixth Form - Average Grade 2025 = Grade A

Apprenticeship – Dyson Institute

Apprenticeship – MBDA (they make missiles)

Bristol University – Aeronautical Engineering

Apprenticeship – Honeywell (Aerospace)

Traditional Apprenticeship – Trades etc

Apprenticeship/Degree – BAE Systems

Loughborough University – Mechanical / Electrical Engineering

Apprenticeship – Leonardo's



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PLEASE TAKE A HANDOUT

Mock 1 Content

Year 11 Product Design/Textiles – Mock 1

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Top Tip

- Make good use of your revision guide – the exam is taken from that!
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