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A-level

DESIGN AND TECHNOLOGY: PRODUCT DESIGN

Paper 1 Technical Principles

Wednesday 5 June 2024

Afternoon

Time allowed: 2 hours 30 minutes

Materials

For this paper you must have:

- normal writing and drawing instruments
- a scientific calculator.

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
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Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 120.

For Examiner's Use	
Question	Mark
1–2	
3–4	
5	
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7–8	
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TOTAL	

Aqa Product Design 45551 Question Paper

**Bryan Williams, Louise
Attwood, Pauline Treuherz, Dave
Larby, Ian Fawcett, Dan Hughes**

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AQA AS/A-Level Design and Technology: Product Design Will Potts, Julia Morrison, Ian Granger, Dave Sumpner, 2018-01-08
Exam Board AQA Level AS A level Subject Design Technology First Teaching September 2017 First Exam June 2018
Encourage your students to be creative innovative and critical designers with a textbook that builds in depth knowledge and understanding of the materials components and processes associated with the creation of products Our expert author team will help guide you through the requirements of the specification covering the core technical and designing and making principles needed for the 2017 AQA AS and A level Design and Technology Product Design specification Explores real world contexts for product design Develops practical skills and theoretical knowledge and builds student confidence Supports students with the application of maths skills to design and technology Helps guide students through the requirements of the Non Exam Assessments and the written exams at both AS and A Level *My Revision Notes: AQA A Level Design and Technology: Product Design* Julia Morrison, Dave Sumpner, 2018-07-30 Exam board AQA Level A level Subject Design and Technology First teaching September 2017 First exams Summer 2019 Target success in AQA A Level Design and Technology Product Design with this proven formula for effective structured revision Key content coverage is combined with exam style tasks and practical tips to create a revision guide that students can rely on to review strengthen and test their knowledge With My Revision Notes every student can plan and manage a successful revision programme using the topic by topic planner consolidate subject knowledge by working through clear and focused content coverage test understanding and identify areas for improvement with regular Now Test Yourself tasks and answers improve exam technique through practice questions expert tips and examples of typical mistakes to avoid get exam ready with extra quick quizzes and answers to the practice questions available online *AQA GCSE (9-1) Design and Technology: Paper and Boards* Bryan Williams, Louise Attwood, Pauline Treuherz, Dave Larby, Ian Fawcett, Dan Hughes, 2017-08-31 Exam Board AQA Level GCSE Subject D T First Teaching September 2017 First Exam June 2019 Build in depth understanding and inspire your students to tackle design challenges both practically and creatively with a textbook that delivers the Core Technical plus Specialist Technical and Design Making Principles needed for the 2017 AQA D T GCSE The insight of our author team will build topic knowledge including the technical principles of materials with which you are less familiar while focusing on the specialist principles of paper and boards in more depth to ensure you can navigate the specification with confidence whilst your students ideas flourish Trusted author team of specialist teachers and those with examining experience Build topic knowledge with learning objectives directly linked to the specification and short activities to reinforce understanding Develop mathematical and scientific knowledge and understanding with activities that link topics to maths and science Inspire your students as they undertake the iterative design process with examples of imaginative design and make tasks and a look at how to approach the Non Exam Assessment Check knowledge and understanding with end of topic summaries and practice questions for the

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