

Year 10

Design and Technology Revision

The paper is 2 hours long and is out of 100. You will be expected to have a black pen, a range of drawing instruments, a calculator and a protractor.

The paper is made up of **three sections**:-

Section A – Core Technical principles (Multiple choice & short answer questions assessing broad technical knowledge – answer all questions)

Section B – Subject Technical Principles (Specialism – answer questions only related to Paper & Board. Based on several short questions and one extended response to assess a more in depth knowledge.)

Section C – Designing and Making Principles – (Short and extended responses, questions include drawings - answer all questions)

You will need to revise the following:-

For Section A – 20 marks

- Scales of production p38
- Forces and stresses p36
- Powering Systems p12
- Smart Materials p33
- Paper, Board and Timber p16/17
- Metals, Alloys and Polymers p18/19
- Textiles p20/21

For Section B – 30 marks

- Specialism - Paper and board p44-57 (Only answer the questions related to paper and board)
- Scales of production p38/39
- Industrial processes- Printing techniques p54/55
- Sustainability p6/9 p47

For Section C – 50 marks

- The design process p98-107 p112 - 117
- Isometric drawing p108
- Orthographic Drawing p111
- Representing data

For Top Tips - Read about 'Exam techniques' on pages 120-121

Remember there will be links to science and maths throughout the paper – You will know more than you think if you transfer your skills/knowledge from Maths and Science over to D&T.

Good Luck!