

Ringwood School Year 11 Revision Evening



How to revise for **Design Technology**

How to help- what can parents and carers do?

Courage
Ambition
Integrity
Respect



Component 1 (*Paper code: 1DT0/1A, 1B, 1C, 1D, 1E, 1F)
Written examination: 1 hour and 45 minutes
50% of the qualification
100 marks
Content overview
1 – Core content and any one from the following material categories:
2 – Metals
3 – Papers and boards
4 – Polymers
5 – Systems
6 – Textiles
7 – Timbers
Assessment overview
The paper consists of two sections. Section A is assessed on the core content and Section B is assessed on the material category students have chosen.
1DT0/1A – Metals, 1DT0/1B – Papers and boards, 1DT0/1C – Polymers, 1DT0/1D – Systems, 1DT0/1E – Textiles, 1DT0/1F – Timbers
Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in <i>Appendix 2: Calculators</i> .
Section A: Core
This section is 40 marks and contains a mixture of different question styles, including open-response, graphical, calculation and extended-open-response questions. There will be 10 marks of calculation questions in Section A.
Section B: Material categories
This section is 60 marks and contains a mixture of different question styles, including open-response, graphical, calculation and extended-open-response questions. There will be 5 marks of calculation questions in Section B.

Component 2 (Paper code: 1DT0/02)
Non-examined assessment
50% of the qualification
100 marks
Content overview
There are four parts to the assessment:
1 – Investigate
This includes investigation of needs and research, and a product specification
2 – Design
This includes producing different design ideas, review of initial ideas, development of design ideas into a chosen design, communication of design ideas and review of the chosen design
3 – Make
This includes manufacture, and quality and accuracy
4 – Evaluate
This includes testing and evaluation.
Assessment overview
<ul style="list-style-type: none"> Students will undertake a project based on a contextual challenge released by us a year before certification. This will be released on 1st June and will be available on our website. The project will test students' skills in investigating, designing, making and evaluating a prototype of a product. Task will be internally assessed and externally moderated. The marks are awarded for each part as follows. <ul style="list-style-type: none"> 1 – Investigate (16 marks) 2 – Design (42 marks) 3 – Make (36 marks) 4 – Evaluate (6 marks)






Preparing for the November mocks

- Students will be given a list of topics covered in the mock ahead of the exam
- Students should spend HL time reviewing and revising these topics so they are familiar with these in the exam
- Some lesson time will be given to mock preparation, however due to NEA time constraints this will be very limited. Therefore, most of the revision for these mocks will need to take place at home.

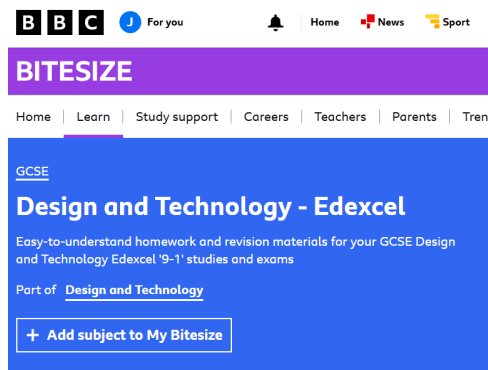
Resources available to your child:

- Course textbook 
(digital version in Teams)

- Course Specification 

- BBC Bitesize 

- Class materials



BBC For you Home News Sport

BITESIZE

Home | Learn | Study support | Careers | Teachers | Parents | Trends

GCSE

Design and Technology - Edexcel

Easy-to-understand homework and revision materials for your GCSE Design and Technology Edexcel '9-1' studies and exams

Part of [Design and Technology](#)

[+ Add subject to My Bitesize](#)

Command word	Definition
Calculate	Work out a numerical problem using mathematical processes or formulae using the appropriate processes in their response. Requires showing how the answer has been worked out. Points-based mark scheme may credit use of correct formulae, use of correct steps/stages of calculation (evidenced by showing workings), correct outcome.
Describe	Give an account of the main characteristics of something or the steps in a process. Statements in the response should be developed but do not need to include a justification or reason.
Discuss	Identify the issue/situation/problem/concept/argument within the question. Explore aspects of the issue/element/situation/problem/concept/argument. Investigate the issue/situation etc. by reasoning or argument. Does not require a conclusion.
Evaluate	Measure the value or success of something and ultimately provide a substantiated judgement/conclusion. Review information and then bring it together to form a conclusion, drawing on evidence such as strengths, weaknesses, alternatives and relevant data.
Explain	Providing an answer and a reason or set of reasons qualifying the answer, such as reasons why something can be considered to fulfil a need, provide a purpose, communicate an intention. The answer must contain some element of reasoning/justification; may be used to support a given statement.
Give/State/Name	All of these command words are really synonyms. They generally all require recall of one or more pieces of information.
Identify	Usually requires some key information to be selected from a given stimulus/resource.
Use annotated sketches to show	Using graphical depiction with annotation, give an account of a 'process' showing the steps or stages of the process in the correct sequence/order, or give an account of 'something' showing a series of features/points/trends. The number of points/depth of answer required will be indicated by the mark allocation.



Useful resources online:

- BBC Bitesize is the best online resource as it is reliable and is course specific (EDEXCEL)
- Other resources include technologystudent.com but this is a private website and therefore is less reliable



A screenshot of the BBC Bitesize website. The top navigation bar includes the BBC logo, a 'For you' button, a notification bell, and links for Home, News, Sport, Weather, iPlayer, Sounds, and Bitesize. A search bar is on the right. Below the navigation is a purple banner with the word 'BITESIZE' in white. Underneath is a white navigation bar with links for Home, Learn, Study support, Careers, Teachers, Parents, Trending, and My Bitesize, plus a 'More' menu icon. The main content area has a blue background. It features a 'GCSE' link, the title 'Design and Technology - Edexcel', and a description: 'Easy-to-understand homework and revision materials for your GCSE Design and Technology Edexcel '9-1' studies and exams'. Below this is a link for 'Part of Design and Technology' and a button that says '+ Add subject to My Bitesize'. On the right side of the blue area is an illustration of a hand holding a pen, drawing a lightbulb on a piece of paper, with other papers and a compass nearby.

Contact details

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