

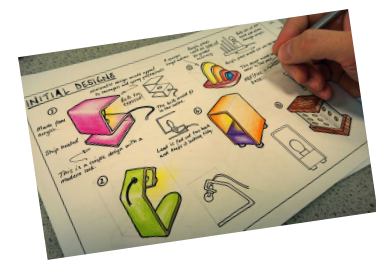
Design Technology

K McDonald

Qualification overview

- Exam board - Pearson Edexcel**

The Pearson Edexcel GCSE (9-1) in Design and Technology consists of one externally-examined paper and one non-examined assessment component.



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Qualification overview

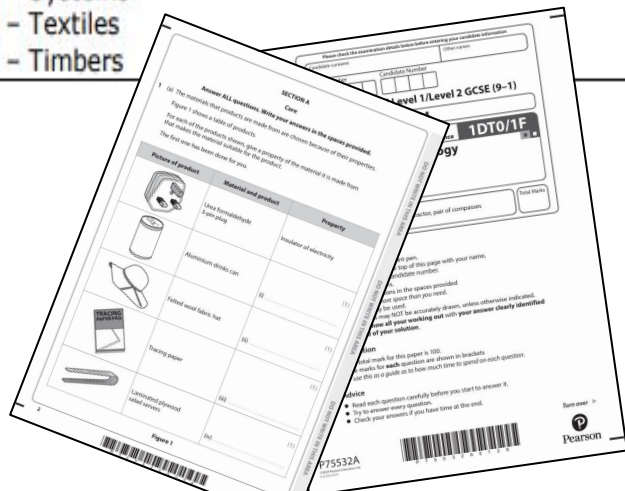
Component 1 (*Paper code: 1DT0/1A, 1B, 1C, 1D, 1E, 1F)

**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: 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.

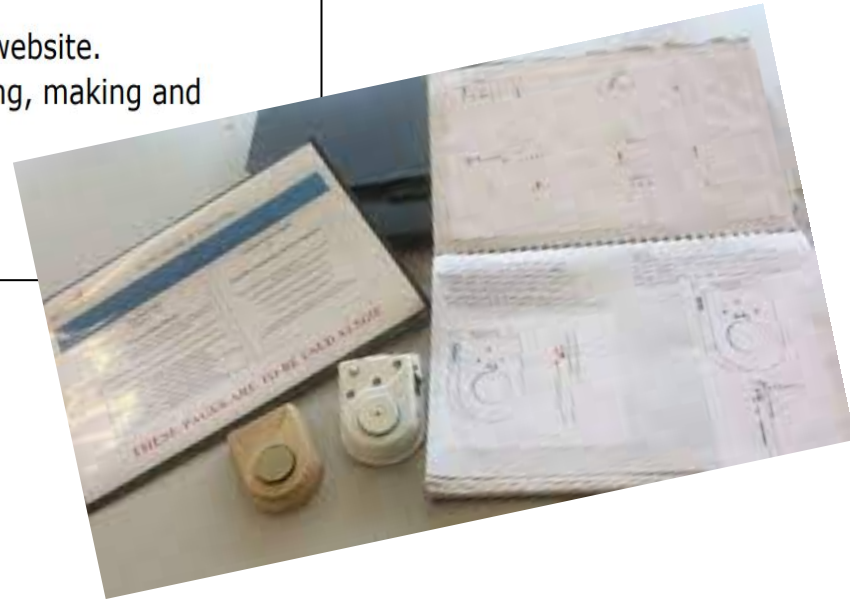
Calculators may be used in the examination.

Component 2 (Paper code: 1DT0/02)

Non-examined assessment 50% of the qualification 100 marks

Assessment overview

- Students will undertake a project based on a contextual challenge released by us a year before certification.
- This will be released on 1 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.



Next steps & Enrichment opportunities

Outline linked post-16 studies

- Students can continue onto **A-Level Product Design at Kings Academy Prospect**
- T-Level (Offer students practical and knowledge-based learning at a school or college and on-the-job experience through an industry placement)
- Vocational- (Engineering ,Construction, motor vehicle, etc)
- UTC- Engineering- (Reading)

Outline linked career paths

There are many Career choices which Design Technology can support. Some of these are:

ENGINEERING and CONSTRUCTION

Civil engineering
Construction
Mechanical engineering
Robotics
Armed forces
Electronics engineering
Aerospace
Automotive engineering
Services & infrastructure
Architecture

FASHION and TEXTILES

Hosiery
Footwear
Clothing
Menswear/womenswear
Materials development
Furniture
Accessories
Sportswear
Aerospace
Automotive
Carpets
Fashion/haute couture
Interior design

ELECTRONICS and SYSTEMS & CONTROL

Robotics
Computing
Digital media
Transport
Broadcasting
Security
Armed forces
Electronics
Aerospace
Automotive
Services & infrastructure

DESIGN

Product design
Robotics
Industrial
Automotive
Carpet manufacture
Fashion/haute couture
Interior design
Packaging
Games industry
Advertising
Marketing
Digital media
Publishing
Film and media

Questions?

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