



Design Technology - Future Designers

Examination Board

- Eduqas

A Level: DESIGN AND TECHNOLOGY: Product design

**Unit 1: Design and Technology in the 21st Century Written examination: 3 hours
50% of qualification**

Learners take a single examination in one of the following endorsed areas:

- Product Design.

The examination includes a mix of structured and extended writing questions assessing learners' knowledge and understanding of:

- Technical principles
- Designing and making principles along with their ability to analyse and evaluate wider issues in design and technology.

**Unit 2: Design and make project Non-exam assessment: approximately 80 hours
50% of qualification**

A sustained design and make project, based on a brief developed by the candidate, assessing the candidate's ability to:

- Identify, investigate and outline design possibilities
- Design and make prototypes
- Analyse and evaluate design decisions and outcomes including for prototypes made by themselves and others

The design and make project will be based within the same endorsed area as the written examination.

Useful Websites / Reading Materials

https://www.eduqas.co.uk/qualifications/design-and-technology-as-and-a-level/#tab_overview
www.designmuseum.org/

www.dexigner.com - online magazine

www.designweek.co.uk/ - design week magazine.

<https://i-d.co/> - ID magazine

www.designcouncil.org.uk/ www.core77.com/ - online magazine

Design for the 21st Century (Icons Series) - Charlotte Fiell and Peter Fiell

Thames and Hudson - the eco-design handbook - by Alastair Fuad-Luke.

DATA - Designing with Pro/Desktop - John Hutchinson

Design Sketching (ISBN 978-91-976807-0-7) by Erik Olofsson and Klara Sjolen

Recommended Study

- Students are expected to spend at least 3 hours per week continuing with the coursework element and examination practice. Strict deadlines will be set throughout the year for the completion of set tasks, examination questions and coursework sections. Students also have access to staff and workshops during their 'free' lessons, at lunchtime and after school to work on their practical elements.

Theory elements will be further explored to review industrial processes. Coursework is in sketch book format students are and would be expected to experiment and take risks in their work, developing and exploring new ideas and processes.