

A Level Design Technology

Bridging work

- Link to the course syllabus

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

Once on the website, scroll down to download the specification.

Contacts in school if you have any questions –

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Assessment as As Level

The subject content for GCE A level Design and Technology will be assessed in the written examination and non-exam assessment (NEA).

Course title - Design and Technology in the 21st Century

Written examination: 2.5 hours at the end of year 12

Design and make project known as a contextual challenge (NEA): approximately 40 hours class time.

With 3 challenges set by the exam board

As level Exam board set contexts for 2021

Learners are required to select one of the following contexts as the basis of their design and make task:

1. Cradle to cradle – Cradle to cradle design is vital to maintain the resources at our disposal. Create a product with this philosophy at its heart.
2. Revitalisation – Examine a product or product range you assess as being in need of revitalisation and create an innovative solution for the identified end-user/s.
3. Mobility or individuality – Well-designed products help people in all aspects of everyday life especially those whose daily challenges are becoming increasingly complex and demanding. Design a new or re-imagined product that will enhance the daily life of a named user

Contextual challenge – Design and make task

In order for you to be ready for an effective start in the Autumn term, you need to complete a portfolio of work over the summer break.

Tasks to complete.

1. Look at the Exam board set contexts for 2021. Select two of the contexts and identify and investigate design possibilities. In order to do this, complete the following tasks
2. Write a design brief – who,what,why,when,where,how?
3. Discuss potential clients- collect as much information as possible about the end user
4. Explore similar products/solutions

COLLECT ALL THIS INFORMATION ON A POWERPOINT.

Your Sketching/drawing skills

Use the link below to develop your 2D and 3d drawing skills.

Keep a sketchpad of the evidence you have completed.

Copy and paste this link into your browser to view.

https://8884717-my.sharepoint.com/:f:/g/personal/u_chel_olcc_lancs_sch_uk/EnK62YxmqTJAprV-HVh0XCkBa7uus_fiQ1NKJ6GLyy8gog?e=Tu4TZj

Also sketch every objects at home i.e. – shower gel bottle, ketchup, deodorant can etc. to give you some skills.

Technology student website on the internet

Technology student Product Design on the internet – this is the most comprehensive website that gives a summary and understanding of topics at GCSE level. Scroll down to the green menu and look at Product Design, Design Process and equipment and processes. Make a powerpoint using screen capture and explain what you have understood from each capture screen.

Link: <https://www.technologystudent.com/>