



- Welcome to Design and Technology A level at Caludon Castle School
- This pack contains everything you need to know ready to study Design and Technology at A level.
- Please read the subject information guide from the prospectus.
- Take a look at the Eduqas Design and Technology Specification for A level.
- Don't worry if some of the work sounds challenging. A Level work is more difficult than GCSE work after all. Your teachers will be supporting you through this transition. Please talk to us if you are unsure about any aspect of the course.

GCE A LEVEL



WJEC Eduqas GCE A Level in
DESIGN AND TECHNOLOGY
ACCREDITED BY OFQUAL

SPECIFICATION

Teaching from 2017
For award from 2019

Version 2 January 2019




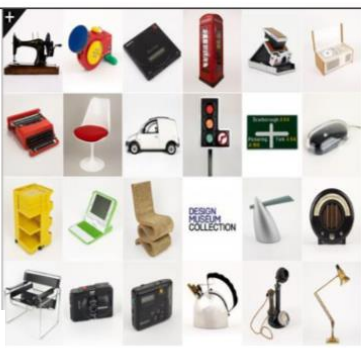

This Ofqual regulated qualification is not available for candidates in maintained schools and colleges in Wales.


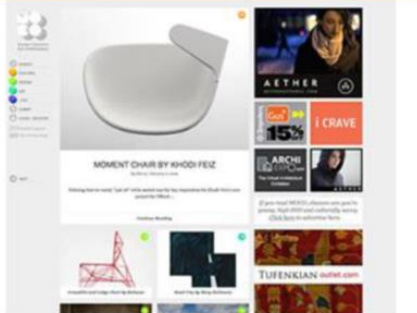





Independent Learning in Design and Technology.

- You will be required to work independently during you're A level course in Design and Technology. Some of the below are ways that you can develop your independent skills:
- Before each lesson complete your preparation work and after each lesson review your notes.
- Visit galleries and museums – it is possible to view some collections online, follow virtual tours and view videos. Whenever you can, visit galleries to see design icons first-hand (Design Museum, MoSI, Tate).
- Spend time developing your CAD skills using 2D Design and Google Sketch up
- Use websites such as <http://www.technologystudent.com/> to check topics you are unsure about. Remember to add to your existing notes.
- Regularly look at design magazines and journals to keep up to date with design, technology and material developments.
- Work on independent projects including your NEA, developing designs and prototypes to solve problems.

By choosing to study Design & Technology at A Level you are giving yourself the opportunity to become a highly effective, creative, independent learner with excellent problem-solving skills, alongside honing and developing your manufacturing skills with varied materials as you explore concepts in depth. You may find these websites and apps a useful starting point as you begin your A Level journey:

Downloadable form	Screenshots	Name and description
 <p>Wallpaper App, Magazine and website</p> <p>https://www.wallpaper.com</p>		<p>Wallpaper Case Studies - Wallpaper* magazine is the world's number one global design publication, championing the best in art, architecture, interiors, fashion and contemporary lifestyle. This is an awesome tool that enables you to quickly pick a topic and flick through many a creative design with instant access to information about the design and the designer. Quick inspiration tool!</p>
 <p>DESIGN MUSEUM website</p> <p>https://designmuseum.org/</p>		<p>The Design Museum Collection - Presents remarkable objects from London's Design Museum; these key pieces from the collection are explored through film, audio, text and photographs. Search options include: time, material, colour, location, manufacturer and designer. Classic pieces include: the Anglepoise lamp, the Dyson vacuum.</p>
 <p>de zeen design magazine Website</p> <p>https://dozen.com</p>		<p>Dezeen - The world's most influential architecture, interiors and design magazine, packed full of video's and interviews with designers who deal with current issues. This helps with listening, reading and evaluating relevant and current product design.</p>

 <p>Website</p> <p>https://mocoloco.com</p>		<p>MoCoLoco - is a web magazine dedicated to everything related to modern contemporary design and architecture.</p>
<p>https://technologystudent.com</p>		<p>Technology Student A website with lots of free specific DT technical information</p>
 <p>Design Week</p> <p>https://designweek.co.uk</p>		<p>A weekly web-magazine on all things design. Has some great current case-studies.</p>

Deadlines: Internal deadlines for all projects, assignments and the NEA work must be met. Deadlines will be clearly communicated to you by your teacher. Pressure of work from other subject areas should not be used as an excuse for missed deadlines or underdeveloped work.

Respect for workshop, machines and equipment: The expectation is that you will tidy up effectively at the end of each design and technology session. This includes putting away of work, cleaning of equipment (including machines), returning equipment to the correct storage space and vacuum down of surfaces. You will be provided with a space to store your work in. Work that is needlessly left out might get lost or damaged.

Homework: You will be set homework every week and you are expected to complete it on time and to the best of your ability. You will also be expected to develop your design and project work (CAD and by hand) proactively at home.

Be ready to work: You must attend every lesson and arrive promptly. You should also ensure that you have the correct equipment with you to progress your work.

- In order to prepare for the first few weeks of the course,
- 1. Watch a series of very short clips from the Open University on The History/Evolution of Design;
<https://www.youtube.com/playlist?list=PLhQpDGfX5e7CJ87BDeuTdXTpxl0YM2Tdb> Over the next few weeks as you notice products and architecture, try and decide which design period they are from/based on.
- 2. Practise sketching: a good product designer continually practises their sketching skills. This will improve consistency, accuracy and speed. Sketching is a fundamental skill in product design. You should aim to be sketching every day for 5-10 minutes. Just choose an object and try and sketch it. Don't panic if you are not confident at sketching products, it is a skill you can improve; check out product, designer, maker on YouTube for some sketching tips.
<https://youtube.com/c/productdesignermaker>
- 3. Learn the keywords and terminology from the GCSE Design & Technology, so you are ready to build on this in A-level <https://www.aqa.org.uk/resources/design-and-technology/gcse/design-and-technology/teach/subject-specific-vocabulary>

Additional tasks:

- 1. Watch the documentary series 'Inside the Factory' available on BBC iplayer. There are many episodes to choose from.
- 2. Widen your knowledge of design - Visit a museum/gallery (virtually or in person) specifically focusing on design history, manufacturing and product design. Suggestions (UK based); Design Museum- London, Design Council- London, The Science Museum- London, MoSi- Manchester, Tate modern- London, Tate Liverpool, V&A-London,