

A Level Product Design Bridging Work – Summer 2023



Introduction

The course followed at Huish is the AQA award. The course content is highly regarded and involves a good mixture of both practical project work and academic study. The AQA website: <http://www.aqa.co.uk/> is a good first stop to have look at things like past papers, subject resources etc.

Assessment is divided between a major design and make project (worth 50%) and 2 written theory papers (worth 50%).

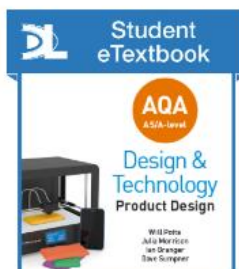
8 Lessons per 2 weeks. 5 lessons for skills / coursework. 3 lessons for theory.

Course Requirements

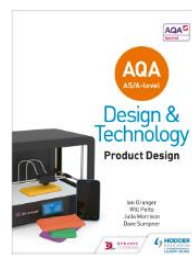
The following items of equipment are required to access the course:

- A3 Flip Folder (minimum 20 pockets) – to hold all your coursework
- A3 Layout pad
- A3 Paper or Sketchbook
- A3 carry folder (optional but recommended)
- A good set of graphics equipment – drawing / sketching pencils, colouring pencils, marker pens (Windsor & Newton Promarkers) and fine line pens
- A4 Folder – required for course content / essays. Do not buy a large ring binder style folder.
- Revision Guide – purchase your own online from Amazon or Hodder Education.

The course textbook can be purchased from Hodder Education at a cost of £38.00 (www.hoddereducation.co.uk) or look online for cheaper / second hand copies.



From £9.50 for a 1 year licence



£38

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Homework/Coursework

Homework will be regularly set with a major focus on theory studies, essay writing and design skills. Homework must be handed in on time.

Coursework elements will be expected to be completed as part of a timetable where key sections are required to be finished before moving forward.

Missing deadlines will result in an interview to discuss your progress and a letter home. Keeping up to date and using time effectively is the key to success.

Workshop Protocol

As a sixth former, general rules about what you wear are more relaxed. In the workshops though it is essential that you have suitable attire! One important area is footwear. No flip flops, sandals etc...for obvious reasons.

Use of tools and equipment is the same for all age groups. Wear protective aprons, goggles, etc as needed. If you need to use a particular machine or process outside of normal lesson time, please get your teacher/technician to check and approve before you start.

Also, you may need to use additional time in the workshops (which we encourage) so please check the department timetables for when a room may be free or when a teacher can accommodate you.

BRIDGING UNIT

The following tasks are designed to bridge the gap between your GCSE work and the needs of you're a level course. **The resultant work will prepare you to start your A level studies so take it very seriously!!!**

Task 1

Look at course requirements section and purchase resources noted above.

Task 2

Email Mr Barratt: richardbarratt@huishepiscopi.net

Please send to this address the following information:

- State what is your GCSE predicted grade for your Design Technology course.
- Describe your GCSE project / provide a photo if possible.
- State what school you studied at previously (even if this was Huish).
- State what other A level courses you are taking.
- State what you like about product design type work and what skills you think you have. Also be honest and list an areas you feel may need more work/focus/support

Task 3

Join the Google classroom – you will find some additional resources here:

<https://classroom.google.com/c/NjE1NTk5OTYyMTQx>
class code: **e42mtd4**

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If for whatever reason you can't access this classroom, please email me and I will send you the work via email.

Task 4

Complete the drawing exercises as noted on the google classroom – do at least one page per activity on A3. When drawing with pro markers please be careful as they will bleed through a few pages (put scrap paper underneath) ideally use pro-markers on the layout paper

Task 5

Download Inventor: <https://www.autodesk.com/education/edu-software/overview?sorting=featured&page=1>

You will need to prove that you are a student at Huish – I have attached a letter on the google classroom you can use to do this.

Complete the CAD exercise. This task can be found on the google classroom. Take screenshots of this work and print these. Create a quality page in your folder. You will be required to show me evidence the work has been completed/attempted.

Task 6

Mini Project – Copper Rose

Design a copper rose. 1 x design sheet (or CAD version)

Make model templates and 1 x card rose

This project can be found on the google classroom.

In September You will be given an opportunity to make your design.

Task 7

Having purchased the revision guide. Read it.

After every few pages you will find questions to check your learning. Start attempting these questions and keep these answers in your a4 folder.

Make sure your notes are clear, have dates and titles on them. Keep them in order.

This work will count towards your final year 12 grade which is used to set your predicted grades for UCAS / Apprenticeship / Job applications so make sure you try your best to complete it to a high standard.

Above all else it is important you complete this work to a high standard. Remember you are on a design course so take time to show off your design flair!