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**A-Level Product Design A level Guide**

**How Product Design will be taught:**

A level Product Design is taught through a mixture of modules which are designed to cover the content of the course. This will build your knowledge throughout year 12 until you are a confident designer, capable of taking on design challenges. Each module will have a practical and examined assessment to gauge your development in the subject. We will also be undertaken an exciting project where we will be teaming up with the Design Engineers in a team-based project, using communication skills to test your ability to work as a team to produce a high-quality outcome from a set brief.

**Working expectations:**

You are expected to put at least as many hours into A level Product Design outside of lessons as you would in lessons. A level product design is 50% coursework and 50% exam; in your free periods, aside from homework, you should be going back over the lesson through independently designing and developing your practical skills in the workshops and using the extensive CAD/CAM facilities available at NUAST, as well as using the wider reading booklet to go over the subject of each lesson in much more detail, making your own detailed notes.

**What 100% effort in this subject looks like:**

* As much time out of lesson devoted to product design.
* Keeping up to date with coursework deadlines and realising that developing your practical skills can only be achieved by extra input from you outside of normal timetabled lessons.
* Completing exam style questions on a regular basis to give context to your coursework, doing them as practice and handing them in on time!
* Reading in the wider context about current developments in product design and researching iconic design brands like Apple, Samsung, and design styles; contemporary, modern, pop art, etc.

**Book/Folder Policy:**

Your work book and A3 coursework folder should have:

-Drawings, sketches, design developments of ideas you are working on, along with the readings booklet you are using.

- All notes in chronological topic order, produced using the Cornell note making technique.

- All marked coursework and mock exams should always be kept in the back of your folder for reference and to show progress.

*PC based coursework*

* All your projects will be completed electronically with regular hand-ins via Teams.

**What Marking looks like:**

* You will have regular monthly feedback from your tutor regards improvements, suggestions and advice.
* Coursework will be marked with comments.
* Exam questions will be marked with the relevant mark scheme, comments and discussed individually and as a class to clarify any issues.

**What Homework looks like:**

* Examination questions.
* Practical tasks.
* Modelling with different materials, woods, metals, plastics, 3D printing, CAD/CAM.

**Specification at a glance:**



**Summer preparation**

Your preparation work over the summer is intended to show us why you have chosen Product Design for A-Level. Please complete the following:

**Task:**

Produce an A3 piece of work which demonstrates to your teacher what inspires you about product design. You are to produce a piece which demonstrates key designers, products or design movements that have inspired you. Tell us:

* Why are you inspired by this design/designers?
* What is it about your chosen products that you like?
* What aspects of the design movement do you find appealing?

Your work should be a mixture of images and text. Really take some time to produce a really detailed piece of work that is worth of Product Design A-Level at NUAST. We don’t want to see a boring white page with images, put your flair to the page, try and demonstrate your design style or the styles that you find inspiring.

**Please bring your work with you to your first lesson.**

**Potentially useful websites:**

Specification:

 [**ocr.org.uk/aleveldesignandtechnology**](file:///%5C%5Ctorchacademy.co.uk%5C8924004%5CStaffHome%5C4004HuOH%5C1.%20HOH%20Main%20Folders%5Chohare%20all%20folders%5CTeams%5CNUAST%20Flying%20start%20pack-%20A%20Level%20Product%20Design.docx)

[Design Movements - Design Technology (weebly.com)](http://designkmg.weebly.com/design-movements.html)

[Who are the 10 most influential Product Designers of all time? : DesignWanted](https://designwanted.com/10-most-influential-product-designers/)