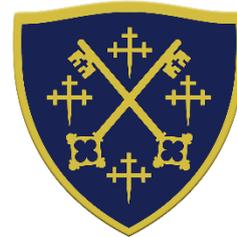


A Level: Product Design

Specification: AQA



**BISHOP
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SCHOOL**
Sixth Form
faith | justice | responsibility | truth | compassion

A-Level Product Design, not only equips you with the knowledge and practical skills required to have a successful design career, but it also gives you skills that universities and employers are desperate for. Skills such as the ability to see a project through from initial idea to a fully functioning prototype.

The ability to work independently, to have an enquiring mind and to understand the wider world.

Yes, A-level Product Design is an excellent choice for those who love designing and making, but it is so much more than that, it is the chance to work on projects your way, to learn about our consumer driven world and how you can make a difference.

“Different and ‘new’ is relatively easy. Doing something that’s genuinely better is very hard.”

Sir Jonny Ive (Former Head of Design at Apple)

Subject Content

During Y12 we will focus on developing your skills in research, designing and practical work. You will be given a high degree of freedom in the projects you choose and expected to work with focus and an independent mindset. Theory lessons will also take place during Y12 where we will focus on materials and manufacturing before moving onto the wider world of design.

At the end of Y12 we will start to focus on your NEA and this will continue into Y13. Theory work continues as well with topics focussing on how and why we design the way we do.

The course is suitable for students who:

- Enjoy both designing and making
- Are interested in how and why materials are selected
- Have an interest in industrial processes and how products are made
- Like to work independently and have self motivation

Exam Assessment

COMPONENT 1: Written Paper - 1

Technical Principles

2.5 hours – 30% of your final grade

Topics: Materials, Manufacturing Processes, Finishes, Health & Safety, Legal Elements, The Environment, Enterprise & Marketing, Design Communication.

COMPONENT 2: Written Exam Paper - 2

Designing & Making Principles

1.5 hours – 20% of your final Grade

Topics: Design Methods, Design Theory, Technology & Culture, Analysis & Evaluation, Tools & Accuracy, Responsible Design, Standards in Design.

COMPONENT 3: Non-Examined Assessment

Individual Starting Points

Approximately 40 hours – 50% of your final grade

Topics: Identify and investigate design possibilities, Producing a design brief and specification, Development of designs, Development of prototypes, Analysing and evaluating.

ENRICHMENT

Year 12 visit (to be determined)

Design Competitions (subject to availability)

For further details please contact Mr Sidgwick (jsidgwick@bishopstopford.com)