

Section A: Product Analysis: 30 marks

Up to 6 short answer questions based on visual stimulus of product(s). Section B: Commercial manufacture: 50 marks Mixture of short and extended response questions

## A Level Outline:

During Year 12: Students will learn key greas of the course through different mini projects with both individual and design team outcomes preparing you both theoretically and practically for the NEA and written exams in Year 13. Mini Projects include: Upcycling, Chair Design, Concrete Speaker, Architec-ture Project, Laser cut lamp, Design for a concept super Yacht and others which all allow you to build a design portfolio alongside your theoretical studies.

Students are taken through the controlled assessment elements of the course with theory and exam knowledge being covered once a week from the start of the year. Student will learn the theory needed to prepare them for the exam both through introduction of elements of their controlled assessment as well as the standalone theory lessons as they progress. Standalone theory lessons will be recorded and carried out with exercise books and CA will be mostly computer gen-erated and handed in electronically. Regular assessment and feedback will allow us to track the students on both elements throughout, however, NEA guidelines must be ad-hered to. Main focus for the exam will be on designers, evolution of design, marketing of













Design using a range of skills that will hone throughout the course: Sketching, Techni-cal Drawing, CAD work on a range of software packages. Looking at presenta-tion, layout, how to create a design portfolio, Annotatina Desian work, using the iterative design process, Modelling making and development.



Manufacturing using a range of traditional and modern technologies. Understand a range of hand tools, power tools and CAD/CAM technologies such as: Laser cutting, 3D Printing. Testing different materials and processes to see which would be most suitable for the desired outcomes you intend to manufacture. You will be able to gain and build on your pre-existing practical knowledge.

Evaluate and analyse different areas of the project to help design and develop quality outcomes for a range different design briefs throughout year 12 and 13. Consider the clients wants and needs throughout the design process to create appropriate products for the needs of the consumer. Evaluate the quality of the outcomes and test designs against the design brief and specification.

Exam Preparation Exam technique Weaker areas of knowledge Difficult areas of knowledge Layout and organisation of paper



