

Year 10 GCSE Product Design

The Course Overview for GCSE Product Design

Core Study

Pupils cover the core element for one hour per week and this prepares them for the written paper. The syllabus can be accessed via the link below. Core is delivered in a practical way and many of the sessions enable the pupils to interact with processes, equipment, techniques and through discussion.

External Study

In year ten, pupils access a series of external study assignments via the school virtual learning environment. There are four assignments per term and they further support the preparation for the written paper. Pupils upload their work to the school site and this is marked by their teacher.

Project Assignments

Five project assignments are normally studied and these change from course to course. A sample of assignments can be viewed by clicking on the links below. Pupils study these for two hours per week and are expected to keep a sketchbook, research diary and personal portfolio throughout.

Coursework

60% of the final GCSE grade is coursework. Studied under controlled conditions it requires the pupils to complete a design folio and the manufacture of a 3 dimensional outcome in 45 hours. Pupils are provided with a comprehensive set of support materials and parents are invited to attend a training session on 'understanding the coursework component'.

Written Exam

40% of the final GCSE grade is a single, 2 hour exam. This paper tests the students core understanding as well as design based skills. Pupils complete a mock exam in the summer term of Year 10, the autumn term in year 11 and then the final paper at the end of the course. Extra booster sessions are offered where pupils require extra support and their revision is tailored to ensure that they maximise their success in the written paper.

Assessment

External study assignments are marked with a written comment. Project assignments are marked via verbal feedback, self assessment and target setting. Coursework is marked internally by the teacher, then a sample is sent for moderation externally. The written paper is marked by the exam board.

Links

www.technologystudent.com

Syllabus link:

http://www.astreacottenham.org/wp-content/uploads/2017/11/Product_Design_GCSE.pdf