

Subject	Year	Specialism
Design and Technology	Y11	Product Design

Project

Non-examination Assessment

Content (Intent)

Prior Learning: Started NEA in June Y10, AQA KS4 curriculum through Y10

The first term of Year 11 will be centred around the design brief, specification and starting design ideas. There are trial exams after October half term and therefore some lessons will also be dedicated for preparing for the trial exam.

Future Learning: AQA specification, exam preparation

How will knowledge and skills be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
<p>NEA Pupils have to decide on their own context and projects will be pupil led. They will be given an example project, assessment criteria and mini deadlines. Pupils will then drive their own projects forward aiming to meet each of the deadline, by October half term all students would have:</p> <p>Created a design brief for their chosen context, outlining key points for their project Completed a design specification, including measurable specification points which directly link to their context, client and research.</p> <p>Trial Exam</p> <p>Lesson will cover a variety of topics which fall into the three main assessed categories within the exam: New and Emerging Technologies Energy, Materials and Systems Materials and Their Working Properties Technical principles Selected Material Designing Principles Making Principles</p> <p>All skills and work for the NEA and trial exam will be taught and developed through teacher led lessons, demonstrations, creating bespoke resources for lessons and tasks, homework, practice questions and past papers.</p>	<p>Assessment Pupils work will be assessed in a variety of ways</p> <ul style="list-style-type: none"> - Teacher assessment - NEA PowerPoints will be checked and feedback will be given on a regular basis - Written and verbal feedback will be given - Practical work – verbal feedback given - Homework will be assessed in line with dept policy - Exam questions will be used frequently, marked and graded in line with the AQA assessment criteria. - The trial exam will be marked and graded in line with the AQA assessment criteria. <p>These will be used to build up a clear picture of student effort and progress which will be communicated to parents in interim reports within this term.</p> <p>Main areas of assessment: Exercise books/ Classwork Homework Mini deadline dates for each section of the NEA Trial exams</p> <p>The NEA project will be formally assessed in term 4 of Year 11 with only generalised feedback being given after each deadline. No marks will be issued until the final mark is given. This is under JCQ guidelines. The pupils will have a copy of the assessment criteria and can self and peer assess throughout.</p>

How can parents help at home?

Allowing time to be spent on the completion of the NEA task and trial exam preparation, going through resources on the VLE and R drive which have been set out to support the students with their work. Encouraging students to go to after school and lunch catch ups in order to make use of the resources and equipment in school.

Helpful further reading/discussion (including Reading and Vocabulary Lists)

<p>Reading www.technologystudent.com VLE D&T GCSE PD page CGP - GCSE AQA Design & Technology</p>	<p>Vocabulary Context, Design Brief, Specification, Measurable, Justification, Technical process, Working properties, Tolerance, Physical properties, Quality control, Commercial viability, Analysis and evaluation</p>	<p>Careers Links Product Design Engineering Architecture Graphic Design Branding and marketing Project Management Eco-design</p>
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