



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**

From September to February the key focus of Y11 Product Design is the completion of the NEA. Within term 3 January to February all students have the goal of completing their NEA in full.

**Future Learning: AQA specification, exam preparation**

How will knowledge and skills be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
<p><b>NEA</b> 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, before students break up for February half term they would have completed:</p> <p>Their final prototype will be completed using correct tools , equipment and techniques. They would have used accurate making skills and created a high quality finish. To go alongside their final prototype students would have created a manufacturing diary. Students will also test and evaluate their prototype against their design brief and specification. They will obtain client feedback and draw conclusions on how improvements and modifications could be made.</p> <p>All skills and work for the NEA will be taught and developed through teacher led lessons, demonstrations, exemplars and homework.</p>	<p><b>Assessment</b> Pupils work will be assessed in a variety of ways</p> <ul style="list-style-type: none"> <li>- Teacher assessment – NEA PowerPoints will be checked and feedback will be given on a regular basis</li> <li>- Written and verbal feedback will be given</li> <li>- Practical work – verbal feedback given</li> <li>- Homework will be assessed in line with dept policy</li> <li>- Exam questions will be used frequently, marked and graded in line with assessment criteria</li> </ul> <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, amin school reports and during parents evenings.</p> <p><b>Main areas of assessment:</b> Practical work and skill development Quality of finish on all written and practical work Exercise books NEA PowerPoint Mini deadline dates for each section of the NEA</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, going through resources on the VLE and R drive which have been set out to support the students in completing 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><b>Reading</b> <a href="http://www.technologystudent.com">www.technologystudent.com</a> <b>VLE D&amp;T GCSE PD page</b> <b>CGP - GCSE AQA Design &amp; Technology</b></p>	<p><b>Vocabulary</b> Context, Compare and analyse, Client, Functionality, Technical process, Working properties, Tolerance, Physical properties, Quality control, Commercial viability, Analysis and evaluation, Modifications, Feedback.</p>	<p><b>Careers Links</b> Product Design Engineering Architecture Graphic Design Branding and marketing Project Management Eco-design</p>
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