

Subject	Year	Specialism
Design and Technology	Y11	Product Design
<b>Project</b>		
Non-examination Assessment and Exam Preparation		
<b>Content (Intent)</b>		
<b>Prior Learning: Started NEA in June Y10, AQA KS4 curriculum through Y10</b>		
The main focus of this term is to prepare students for the exam, a small amount of time can be given for any students who still need a little time to complete outstanding work on their NEA although this is on an individual basis and not encouraged widely.		
<b>Future Learning: AQA specification, exam preparation</b>		
How will knowledge and skills be taught (Implementation)		How will your understanding be assessed & recorded (Impact)
<p><b>NEA</b> Pupils will work individually and independently on the completion of any outstanding work for their NEA in readiness for the deadline of the formal assessment.</p> <p><b>Exam</b> Topics to be implemented within lessons and homework's: New and Emerging Technologies Energy, Materials and Systems Materials and Their Working Properties Technical principles Selected Material Designing Principles Making Principles</p> <p>The students will learn <b>about and how to:</b> -Apply previous knowledge and develop it further -Develop skills in analysis and evaluation -Develop an in depth understanding of the curriculum - Develop and strengthen their approach to long mark questions -Be independent with the creation of revision resources to be used in preparation for the exam.</p> <p>These skills will be taught and developed through teacher led revision lessons, demonstrations, creating resources, homework tasks, practice questions and past papers.</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</li> <li>- 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><b>Main areas of assessment:</b> Quality of finish on all written and practical work Exercise books NEA PowerPoint</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>
<b>How can parents help at home?</b>		
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.		
<b>Helpful further reading/discussion (including Reading and Vocabulary Lists)</b>		
<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> Anthropometrics, CAD/CAM, composite, ferrous, FMS, Production aid, technical processes, thermoforming, thermosetting, planned obsolescence, quality control, finite, non-finite, synthetic, manufacturing methods and properties</p>	<p><b>Careers Links</b> Product Design Engineering Architecture Graphic Design Branding and marketing Project Management Eco-design</p>