



Subject	Year	Term
Product Design	10	3
Topic		
Common Specialist Technical Principles and NEA – Non-Examined Assessment		
Content (Intent)		
Prior Learning (Topic) Section 3, 4 and 5		
Section 6 – Common specialist technical principles such as various forces and stresses on materials and objects, enhancements to improve material functionality, ecological issues including product mileage and the six Rs and scale in production and production methods. Students will make a set of laminated salad servers. Students will then start their final NEA and have a clear understanding of the elements required to successfully carry out the task including; research and investigation, composing a design brief and specification, generating ideas, developing and modelling ideas, the iterative process and how to test and evaluate products.		
Future Learning (Topic) NEA (50% of final mark)		
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)	
Section 1 Students will develop their basic skills in order to manufacturing a set of laminated salad servers. Students will prepare for their exam for their exam by studying how technical principles effect different materials.	At the end of each Section is a formative assessment based on the knowledge learnt. Practical work will be assessed against the NEA assessment criteria.	
NEA – context released on June 1st of Year 10. 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 deadlines. By the end of this term pupils will have completed the following sections Client and Problem identified Product analysis Research conducted Specification and brief written	The NEA project will be formally assessed in term 3 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.	
How can parents help at home?		
Pupils will be expected to complete one hour of homework for each lesson of work. They will need to conduct a lot of primary research and may need to visit shops or locations in order to gather information. Pupils will also have to identify a client that they can use to help focus their project.		
Helpful further reading/discussion (including Reading and Vocabulary Lists)		
Reading My revision notes ISBN-10: 1510432329 GCSE Pod Cast www.technologystudent.com	Vocabulary Lists Context Task analysis Research plan Client Primary Research Secondary Research Specification	