Website Exemplar
GCE (A2) Resistant Materials
Unit: 6RM04
Topic: Lamp.

Notes		
A	Research & analysis	This comprehensive section contains far more information than is necessary to gain maximum marks. The questionnaire sent out to multiple recipients is pointless as the student is working for an individual client and the information on materials contains work that could have been avoided had materials research taken place during design and development when ideas were being produced and analysed and specific materials were being suggested. However, there is no question that maximum marks are achieved. Mark range 3-4
B	Product specification	Specification points are realistic, technical and most are measurable. All statements are justified and reflect research and analysis, which included client input. Only very limited consideration of sustainability in present in the specification. Mark range 4-6
C	Design	A wide range of creative design ideas is well presented and is accompanied by detailed technical information regarding materials and processes, demonstrating a good understanding of manufacturing requirements. Client feedback on designs is sought. Although not annotated specifically, specification points are addressed implicitly and this can be seen in the designs presented. Mark range 7-10
C	Review	On page 14 the student reviews initial design ideas to determine which one should be carried forward for development. The review is well organised, and comprehensive in terms of referring to the success or otherwise of designs in meeting specification points and this results in a choice between two ideas. A wider range of opinions is sought to decide which design best meets the specification, but as the student is working for a single client, this should not have been considered. Client opinion is recorded, but this is minimal and does not illustrate any reasoned decision making. Mark range 3-4
C	Develop	This high quality section shows how the initial design is progressed to a final design proposal, illustrating the student's complete ownership and control the process. Continuing design input refines and develops sub-systems, resulting in a final design proposal that has moved on from the original idea. Modelling is used to test aspects of the design and comprehensive working drawings are produced for each part of the design. Useful client feedback is recorded throughout the development section and the student includes a final evaluation against specification

		points on page 25. Mark range 7-10
C	Communicate	The student has demonstrated high quality communication skills that are carried out with precision and accuracy. A range of techniques and media has been used and there is more than enough information present for a skilled third party to be able manufacture the product without further clarification from the designer. Mark range 4-6
D	Planning	The student has produced a detailed production plan showing a sequence of manufacturing tasks in the correct order. Detailed consideration of quality checks and regard for safety are included. Projected times for processes are recorded on a separate Gantt chart. Mark range 4-6
E	Making: use of tools and equipment	Evidence of tool selection is given in planning and is also evident in the detailed set of images presented as a diary of making. The student has used the selected tools with precision and accuracy, as can be seen in the photographs and evidence of high level safety awareness is recorded in planning. Mark range 7-9
E	Making: Quality	The student has produced a high quality product that matches the final design proposal, is fully functional and appropriate to the expected level of response at A2 level. Page 23 shows the justified choice of materials used in the product. Mark range 11-16
E	Making: complexity/level of demand	The level of challenge in manufacturing this product is high, requiring a wide range of skills for success. The student has demonstrated precision and accuracy in producing an outstanding piece of work. Mark range 7-9
F	Testing & evaluation	Testing and evaluation are comprehensively dealt with and include field trials to test performance, objective evaluation against specification points, suggestions for modifications and feedback from the client and others. A life cycle analysis is also carried out. Mark range 7-10