

## **Resistant Materials (AQA)**

**Exam Dates:** 16/6 - PM

**Exam Overview:** The exam is broken two parts.

- The first part is a design process, similar to what has been done in the coursework. The focus for this will be from the prep sheet that the exam will give us.
- The second part is around topics that will have been covered in theory lessons.
- 120 Marks 120 Minutes!

### **Guide to Exam Papers:**

When sitting the exam it is most important to

- READ THE QUESTION!!!! Does the question ask for a certain amount? Does it link to the previous question? Are you answering what it asks or what you think the question says!?
- LOOK FOR THE MARK SCHEME - On some questions it will tell you how the marks are given. Have you done those things?
- TGTMMIM – To Get The Marks I Must – Have you considered this saying?
- 1 MARK PER MINUTE – If you daydream for two minutes you have lost two marks
- 5 DESIGN IDEAS - Make sure before the exam you have those 5 ideas ready to go! No thinking required (just how I like it!)
- ACCESSFMM – Are you writing? Are you stuck? This will help you!! Especially on the specification writing
- MANUFACTURING QUESTION
  1. Explain – Explain the stage
  2. Draw – Draw what you are explaining
  3. Quantity – How many has it asked you to make and have you?? (TESSALATION)
  4. Could Eaton make it – Have you gone into enough detail that I could make it
- WHATS THE QUESTION WORTH!? – 5 marks? 5 points made?
- U IZ DED CLEVA – the best use of the English language, especially with technical terms
- WOOD + METAL + PLASTIC = ZERO MARKS – when writing about materials be specific
- YOU CAN DO IT – you have all the knowledge, I know you can achieve and you also know im always right!
- ESSAY QUESTIONS
  1. State your opinion
  2. Give your reason
  3. Give you evidence
    - EG – I would make this from oak (1) because it's usually knot free (2) due to it being a hard wood (3)
- THE 'COS RULE – When writing have you given me a 'because'? EG – Made using injection moulding because ('COS) it can be mass produced

### **Areas of Revision**

Specification – Designing – Developing – Evaluating - Tools and Equipment - Risk Assessment - Health and safety – PPE – Manufacturing –Materials - Product life cycle – Maintenance – QC/QA - Jigs, Moulds and templates – Sustainability – Modelling - CAD/CAM - Use of ICT - Ergonomics and Anthropometrics - Market pull and technology – Mechanisms – PREP SHEET WORK

### **Revision Tips**

- At the beginning of KS4 you will have been given a revision guide (black books), it has an accompanying workbook these are fantastic and should be used along with a structured exam prep guide that I have written.
- The web site to use is [www.technologystudent.com](http://www.technologystudent.com).
- If there is an issue with a certain topic, google it and that will jog memories.

