

Year 10 mock exam Engineering Part 2

Subject	Duration	Style of questions	Topic	What I will be asked to do	How can I revise?
Btec Tech Award	1hr 30mins	Annotating , written evaluation	Activity 2a – Evaluation (8 marks)	<ul style="list-style-type: none"> <li>Identify issues with an existing engineered product</li> <li>Annotate an existing product example</li> <li>Write an evaluation explaining how well the product meets/does not meet the given brief</li> </ul>	<ul style="list-style-type: none"> <li>Exam prep and revision in class prior to exam</li> <li>Look through your example questions completed in class</li> <li>Look through your revision packs and theory books on material types, properties and processes</li> </ul>
		Drawing and writing an evaluation	Activity 2b – Redesign (10 marks)	<ul style="list-style-type: none"> <li>Draw an idea (redesign) in 2D or 3D</li> <li>Annotate the idea to show materials, parts, features and manufacturing methods you will use</li> <li>Justify in writing your redesign and</li> </ul>	<ul style="list-style-type: none"> <li>Exam prep and revision in class prior to exam</li> <li>Review sketching techniques to communicate ideas – orthographic (plan, front and side views) and isometric</li> <li>Look through your revision packs and theory books on material types, properties and processes</li> <li>Look through your example questions completed in class</li> <li>Use the materials posters and manufacturing processes fact sheets to revise topics</li> <li>Use the id cards from revision packs to review drawing and sketching techniques</li> </ul>
		Analysing data, analysing a technical drawing and writing a conclusion.	Activity 3 – Drawing conclusions (12 marks)	<ul style="list-style-type: none"> <li>Review an example technical drawing</li> <li>Analyse information in graphs and tables to explain issues with quality in manufacture</li> <li>Write conclusions to explain how to resolve the issues identified when checking and inspecting engineered</li> </ul>	<ul style="list-style-type: none"> <li>Exam prep and revision in class prior to exam</li> <li>Use drawing symbols cards for revision on technical drawing standards</li> <li>Look through your example questions completed in class</li> <li>Review quality assurance and quality control checks done for testing and checking accuracy</li> </ul>

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