

Engineering EPQ: Where to get the marks

AO1: Manage	Where it can be found
The proposed outcome is identified and developed with limited guidance, support and assistance from the tutor-assessor but then finalised and refined independently by the learner individually or within groups.	
The proposed outcome is well defined and clearly focussed.	
The project plan is clear and concise, with clear and detailed objectives and rationale.	
All of the main tasks to be completed are provided in an appropriate order and described in detail, with an appropriate time span allocated for each task.	
The learner shows a high level of organisational ability and time management skills when managing the project.	
The learner maintains clear and detailed records of activities undertaken during the project, including problems encountered and steps taken to overcome them.	
Progress is monitored against the original plan and adjustments made to the plan where necessary.	
AO2: Use Resources	Where it can be found
A wide range of different types of possible materials and techniques have been thoroughly investigated.	
Research sources are referenced appropriately and consistently and a bibliography is included, listing the sources in an appropriate and consistent format.	
From the research carried out, appropriate information and resources have been selected for use in the project.	
Information has been analysed and synthesised in reference to the project.	
Clear, concise and detailed links have been established between the research carried out and the project.	
A thorough understanding of the complexities of the resources and research required for the development and production of the artefact has been shown.	
AO3: Develop & Realise	Where it can be found
The supporting information that relates to the development process is structured and presented clearly.	
The information contained within it is consistently clear and relevant.	
Learners demonstrate a thorough understanding of the developmental process.	
There is clear evidence of development of ideas	
and that alternative ideas and approaches have been considered carefully and evaluated,	
with a well-thought out and well argued explanation of the decisions taken, eg relating to choosing the most appropriate materials, processes, techniques, design.	
There is clear evidence that the artefact has been carefully and perceptively refined during the developmental process, showing innovation	
Resources and skills are applied consistently successfully in creating the artefact	
The artefact is highly successful at fulfilling the original brief.	

AO4: Review	Where it can be found
Overall the learner shows a high level of insight and self-awareness in evaluating the project	
and the extent to which they have achieved their aims and met the original brief.	
The learner is highly adept at assessing how well they managed at different stages.	
The learner explains and justifies ideas for what they could do differently next time.	
They have drawn clear and perceptive conclusions about process of producing an artefact that could help them in future.	
The presentation is clearly and logically structured so that it is completely clear to the audience how the different parts link together	
and the learner shows a high level of ability to convey the main ideas.	