



**Part A: Scientific Thought 45%**  
 Choose a level where the projects falls ..... Assign a mark in this range

- Level 1** **Mark Range 6 to 15**  
 Replicate a known experiment, confirming previous findings  
 Build a model or device to replicate existing technology  
 Existing published material presented (study), no real analysis
- Level 2** **Mark Range 16 to 25**  
 Extend a known experiment with modest improvements to procedures, etc  
 Improve an existing technology, Study includes modest data analysis
- Level 3** **Mark Range 26 to 35**  
 Devise and carry out an original experiment, identify many significant variables  
 Innovative technology, extends existing technology. Study includes significant data analysis
- Level 4** **Mark Range 36 to 45**  
 An original experiment with most variables identified and controlled, complete data analysis  
 Innovative application of technologies, Study reveals significant new information or original solution

→  /45  
 Part A Mark

**Part B: Scientific Originality 25%** (Check the bibliography, Ask how much they did themselves)

- Level 1** **Mark Range 6 to 10**  
 Simple design with very limited original input or imagination  
 It can be found on the internet, in books or magazines
- Level 2** **Mark Range 11 to 15**  
 Simple design with some student imagination.  
 Common topic, uses common resources and equipment
- Level 3** **Mark Range 16 to 20**  
 Imaginative project, creative use of available resources and equipment  
 Well thought-out, above average design and use of resources
- Level 4** **Mark Range 21 to 25**  
 Highly original and using a novel approach  
 Resourceful use of available materials, use of equipment, and analysis

→  /25  
 Part B Mark

**Part C: Visual Display 10%** Assign a mark to each point below and add together

Layout logical and self-explanatory	+	_____ /4	
Readability / clarity	+	_____ /3	
Exhibit attractive and well constructed	+	_____ /3 =	→

→  /10  
 Part C Mark

**Part D: Oral Presentation 15%** Assign a mark to each section below and add together

Clear, logical, enthusiastic presentation	+	_____ /5	
Information content / substance	+	_____ /5	
Responses to questions	+	_____ /5 =	→

→  /15  
 Part D Mark

**Part E: Bibliography and Logs 5%** Assign a mark to each section below and add together

Bibliography and citations	+	_____ /3	
Project Log (hard copy or electronic)	+	_____ /2 =	→

→  /5  
 Part E Mark

**TOTAL Mark Awarded to this project**  /100