**Criterion A: Introduction**

1 The project contains a clear statement of the task.

2 The project contains a title, a clear statement of the task and a description of the plan.

3 The project contains a title, a clear statement of the task and a detailed plan that is followed. The plan should specify what techniques are to be used at each stage and the purpose behind them, thus lending focus to the task.

**Criterion B: Information/Measurement**

1 The project contains relevant information collected or relevant generated measurements.

2 The relevant information collected, or set of measurements generated, is organized in a form appropriate for analysis **or** is sufficient in both quality and quantity.

3 The relevant information collected, or set of measurements generated, is organized in a form appropriate for analysis **and** is sufficient in both quality and quantity. *If the information / measurements are from a* **secondary** *source, then there must be evidence of sampling if appropriate. All sampling processes should be completely described.*

**Criterion C: Mathematical processes**

1 At least two simple mathematical processes have been carried out.

2 At least two simple mathematical processes have been carried out correctly.

3 At least two simple mathematical processes have been carried out correctly. All processes used are relevant to the stated aim of the project.

4 The simple relevant mathematical processes have been carried out correctly. In addition, at least one relevant further process has been carried out. At least one further process must be calculated, showing full working.

5 The simple relevant mathematical processes have been carried out correctly. In addition, at least one relevant further process has been carried out. All processes, both simple and further, that have been carried out are without error.

**Criterion D: Interpretation of results**

1 The project contains at least one interpretation or conclusion.

2 The project contains interpretations and/or conclusions that are consistent with the mathematical processes used.

3 The project contains a meaningful discussion of interpretations and conclusions that are consistent with the mathematical processes used. *This may lead to a discussion of underlying reasons for the results obtained.*

**Criterion E: Validity**

Validity addresses whether appropriate techniques were used to collect information, whether appropriate mathematics was used to deal with this information, and whether the mathematics used has any limitations in its applicability within the project. Any limitations or qualifications of the conclusions and interpretations should also be judged within this criterion.

0 There is no awareness shown that validity plays a part in the project.

1 There is an indication, with reasons, if and where validity plays a part in the project.

**Criterion F: Structure and communication**

1 Some attempt has been made to structure the project.

2 The project has been structured in a logical manner so that it is easily followed.

3 The project has been well structured in accordance with the stated plan **and** is communicated in a coherent manner. *To achieve this level, the project would be expected to read well, and contain footnotes and a bibliography, as appropriate. The project must be focused and contain only relevant discussions.*

**Criterion G: Notation and Terminology**

1 The project contains some correct mathematical notation **or** terminology.

2 The project contains correct mathematical notation **and** terminology throughout.

*Variables should be explicitly defined.*