***Evaluation Criterion***

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| **Evaluation – 6 marks**  This criterion assesses the extent to which the student’s report provides evidence of evaluation of the investigation and the results with regard to the research question and the accepted scientific context. | |
| **Mark** | **Descriptor** |
| 0 | The student’s report does not reach a standard described by the descriptors below. |
| 1-2 | A conclusion is **outlined** which is not relevant to the research question or is not supported by the data presented.  The conclusion makes superficial comparison to the accepted scientific context.  Strengths and weaknesses of the investigation, such as limitations of the data and sources of error, are **outlined** but are restricted to an **account** of the **practical** or **procedural issues** faced.  The student has **outlined** very few realistic and relevant suggestions for the improvement and extension of the investigation. |
| 3-4 | A conclusion is **described** which is relevant to the research question and is supported by the data presented.  A conclusion is described makes some relevant comparison to the accepted scientific context.  Strengths and weaknesses of the investigation, such as limitations of the data and sources of error, are **described** and provide evidenceof some awareness of the **methodological issues\*** involved in establishing the conclusion.  The student has **described** some realistic and relevant suggestions for the improvement and extension of the investigation. |
| 5-6 | A conclusion is **described and justified** which is relevant to the research question and is supported by the data presented.  A conclusion is correctly **described and justified** through relevant comparison to the accepted scientific context.  Strengths and weaknesses of the investigation, such as limitations of the data and sources of error, are **discussed** and provide evidenceof a clear understanding of the **methodological issues\*** involved in establishing the conclusion.  The student has **discussed** realistic and relevant suggestions for the improvement and extension of the investigation. |
| \*See exemplars in teacher support material for clarification. | |