**Earth Systems Study Marking Guide**

*This document can be used to assist teachers in the marking of the external investigation*

**Proposal**

|  |  |  |
| --- | --- | --- |
| Criteria | Specific Feature | Evidence |
| a hypothesis or investigable question, independent and dependent variables | IAE1  |  |
| a rationale for and an outline of the proposed research approach and method | IAE1  |  |
| materials/equipment list | IAE1  |  |
|  the procedure to be followed | IAE1  |  |
| type of data that will be collected (must include collection and analysis of primary and secondary data) | IAE1  |  |
| a risk assessment that addresses safety, ethical, and legal considerations | IAE1  |  |

**Report**

|  |  |  |
| --- | --- | --- |
|  Criteria | Specific Feature |  |
| identify the purpose, relevant background or previous research | KA1  |  |
| appropriate collection and presentation of data, e.g. summary tables, graphs, maps, charts, photographs, or other illustrations | IAE2  |  |
| analysis of the information gathered in terms of the interactions of two or more Earth’s spheres | IAE3  |  |
| a conclusion, which includes the predictions or advice based on findings | IAE3  |  |
| evaluation of procedures and results to identify limitations of, and improvements to, the investigation | IAE4  |  |
| expression of ideas, appropriate EES terminology, format and references | KA4  |  |