Extended Essay Assessment Criteria/International Baccalaureate Organization

**A: Research Question**

This criterion assesses the extent to which the purpose of the essay is specified. In many subjects, the aim of the essay will normally be expressed as a question and, therefore, this criterion is called the “research question.” However, certain disciplines may permit or encourage different ways of formulating the research task.

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| Achievement Level | Descriptor |
| 0 | The research question is not stated in the introduction **or** does not lend itself to a systematic investigation in an extended essay in the subject in which it is registered. |
| 1 | The research question is stated in the introduction but is not clearly expressed **or** is too broad in scope to be treated effectively within the word limit. |
| 2 | The research question is clearly stated in the introduction and sharply focused, making effective treatment possible within the word limit. |

**B: Introduction**

This criterion assesses the extent to which the introduction makes clear how the research question relates to existing knowledge on the topic and explains how the topic chosen is significant and worthy of investigation.

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| Achievement Level | Descriptor |
| 0 | Little or no attempt is made to set the research question into context. There is little or no attempt to explain the significance of the topic. |
| 1 | Some attempt is made to set the research question into context. There is some attempt to explain the significance of the topic and why it is worthy of investigation. |
| 2 | The context of the research question is clearly demonstrated. The introduction clearly explains the significance of the topic and why it is worthy of investigation. |

**C: Investigation**

This criterion assesses the extent to which the investigation is planned and an appropriate range of sources has been consulted, or data has been gathered, that is relevant to the research question. Where the research question does not lend itself to a systematic investigation in the subject in which the essay is registered, the maximum level that can be awarded for this criterion is 2.

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| Achievement Level | Descriptor |
| 0 | There is little or no evidence that sources have been consulted or data gathered, and little or no evidence of planning in the investigation. |
| 1 | A range of inappropriate sources has been consulted, or inappropriate data has been gathered, and some relevant material has been selected. There is evidence of some planning in the investigation. |
| 2 | A limited range of appropriate sources has been consulted, or data has been gathered, and some relevant material has been selected. There is evidence of some planning in the investigation. |
| 3 | A sufficient range of appropriate sources has been consulted, or data has been gathered, and relevant material has been selected. The investigation has been satisfactorily planned. |
| 4 | An imaginative range of appropriate sources has been consulted, or data has been gathered, and relevant material has been carefully selected. The investigation has been well planned. |

**D: Knowledge and Understanding of the Topic Studied**

Where the research question does not lend itself to a systematic investigation in the subject in which the essay is registered, the maximum level that can be awarded for this criterion is 2. “Academic context”, as used in this guide, can be defined as the current state of the field of study under investigation. However, this is to be understood in relation to what can reasonably be expected of a per-university student. For example, to obtain a level 4, it would be sufficient to relate the investigation to the principal lines of inquiry in the relevant field; detailed, comprehensive knowledge is not required.

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| Achievement Level | Descriptor |
| 0 | The essay demonstrates no real knowledge or understanding of the topic studied. |
| 1 | The essay demonstrates some knowledge but little understanding of the topic studied. The essay shows little awareness of an academic context for the investigation. |
| 2 | The essay demonstrates an adequate knowledge and some understanding of the topic studied. The essay shows some awareness of an academic context for the investigation. |
| 3 | The essay demonstrates a good knowledge and understanding of the topic studied. Where appropriate, the essay successfully outlines an academic context for the investigation. |
| 4 | The essay demonstrates a very good knowledge and understanding of the topic studied. Where appropriate, the essay clearly and precisely locates the investigation in an academic context. |

**E: Reasoned Argument**

This criterion assesses the extent to which the essay uses the material collected to present ideas in a logical and coherent manner, and develops a reasoned argument in relation to the research question. Where the research question does not lend itself to a systematic investigation in the subject in which the essay is registered, the maximum level that can be awarded for this criterion is 2.

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| Achievement Level | Descriptor |
| 0 | There is no attempt to develop a reasoned argument in relation to the research question. |
| 1 | There is a limited or superficial attempt to present ideas in a logical and coherent manner, and to develop a reasoned argument in relation to the research question. |
| 2 | There is some attempt to present ideas in a logical and coherent manner, and to develop a reasoned argument in relation to the research question, but this is only partially successful. |
| 3 | Ideas are presented in a logical and coherent manner, and a reasoned argument is developed in relation to the research question, but with some weaknesses. |
| 4 | Ideas are presented clearly and in a logical and coherent manner. The essay succeeds in developing a reasoned and convincing argument in relation to the research question. |

F: **Application of Analytical and Evaluative Skills Appropriate to the Subject**

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| Achievement Level | Descriptor |
| 0 | The essay shows no application of appropriate analytical and evaluative skills. |
| 1 | The essay shows little application of appropriate analytical and evaluative skills. |
| 2 | The essay shows some application of appropriate analytical and evaluative skills, which may be only partially effective. |
| 3 | The essay shows sound application of appropriate analytical and evaluative skills. |
| 4 | The essay shows effective and sophisticated application of appropriate analytical and evaluative skills. |

G: **Use of Language Appropriate to the Subject**

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| Achievement Level | Descriptor |
| 0 | The language used is inaccurate and unclear. There is no effective use of terminology appropriate to the subject. |
| 1 | The language used sometimes communicates clearly but does not do so consistently. The use of terminology appropriate to the subject is only partly accurate. |
| 2 | The language used for the most part communicates clearly. The use of terminology appropriate to the subject is usually accurate. |
| 3 | The language used communicates clearly. The use of terminology appropriate to the subject is accurate, although there may be occasional lapses. |
| 4 | The language used communicates clearly and precisely. Terminology appropriate to the subject is used accurately, with skill and understanding. |

**H: Conclusion**

The criterion assesses the extent to which the essay incorporates a conclusion that is relevant to the research question and is consistent with the evidence presented in the essay.

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| Achievement Level | Descriptor |
| 0 | Little or no attempt is made to provide a conclusion that is relevant to the research question. |
| 1 | A conclusion is attempted that is relevant to the research question buy may not be entirely consistent with the evidence presented in the essay. |
| 2 | An effective conclusion is clearly stated; it is relevant to the research question and consistent with the evidence presented in the essay. It should include unresolved questions where appropriate to the subject concerned. |

**I: Formal Presentation**

This criterion assesses the extent to which the layout, organization, appearance and formal elements of the essay consistently follow a standard format. The formal elements are: title page, table of contents, page numbers, illustrative material, quotations, documentation (including references, citations and bibliography) and appendices (if used).

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| Achievement Level | Descriptor |
| 0 | The formal presentation is unacceptable, or the essay exceeds 4,000 words. |
| 1 | The formal presentation is poor. |
| 2 | The formal presentation is satisfactory. |
| 3 | The formal presentation is good. |
| 4 | The formal presentation is excellent. |

**J: Abstract**

The requirements for the abstract are for it to state clearly the research question that was investigated, how the investigation was undertaken and the conclusion(s) of the essay.

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| Achievement Level | Descriptor |
| 0 | The abstract exceeds 300 words or one or more of the required elements of an abstract (listed above) is missing. |
| 1 | The abstract contains the elements listed above but they are not all clearly stated. |
| 2 | The abstract clearly states all the elements listed above. |

**K: Holistic Judgement**

This criterion invariably favours those students who have some direct involvement or personal contact with the environmental issue under study, and this should be encouraged whenever possible. It is more challenging for a student to clearly demonstrate personal engagement, initiative and insight in a topic with which their sole contact has been through the Internet or library bookshelves.

“Intellectual initiative” may be apparent in the formulation of a novel and penetrating research question, or in the design or inventive modification of an experimental procedure, or in a creative identification and selection of secondary source material, for example. A major theme of this subject is the interrelatedness of systems and components within them, and many common principles can be applied to a wide variety of systems. An essay that overtly recognizes these underlying principles and the interrelatedness of components will most clearly demonstrate an element of the ‘insight and depth of understanding” referred to in this criterion.