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| **N5 Assignment** |  | **N4 Assignment** |
| **Skills, knowledge and understanding** | **Marks****Available** | **Marks** | **Outcome** | **Making assessment judgements** | **Pass?** |
| 1. The aim of the investigation
 | Must describe clearly what is to be investigated | /1 | 1.1 Choosing, with justification, a relevant issue in physics | The candidate must:1. state clearly the Issue to be investigated2. state briefly in what way the issue is relevant to the environment/society | N5 1&2 |
| 1. Application and effect on the environment/

society | A statement of the characteristics and / or features of the application **(1)**Clear relationship between the application and its effect on the environment and /or society **(1)** | /2 |
| 1.2Researching the issue | The candidate must:1. record at least 2 relevant sources of information/data in such a way that they could be retrieved by a third party (No formal system required). If an experiment is a source, the title and aim need to be recorded.2. gather appropriate and sufficient information/data from at least two relevant sources | N54 |
| 1. Applying knowledge and understanding of p/c/b
 | Demonstrate a good understanding **(3)**Demonstrate a reasonable understanding **(2)**Demonstrate a limited understanding **(1)** | /3 |
| 1. Selection of relevant information from sources
 | 2Inclusion of 2 types of data from 2 sources2 sources **(2)**1 source **(1)** | /2 |
| 1. Processing and presentation of data/information
 | 1. Processing from:

 2 sources **(2)**1 source **(1)** | /2 | 1.3Presenting appropriate information /data | The presentation of appropriate information / data must be in a suitable format, using at least one from a diagram, flow chart, table, graph, chart, key summary or other appropriate format.Correct use of titles, labels and units where appropriate and be sufficient to convey the info/data.Some info/data must be presented in own way e.g. comparing or summarising info/data, presenting info/data in a different way from the source | N55 |
| 1. Processing in:

2 formats **(2)**1 format **(1)** | /2 |
| 1. All tables graphs etc completely labelled
 | /1 |
| 1. Comparison of data from 2 sources
 | /1 |
| 1. Drawing a valid conclusion
 | Clear conclusion that relates to aim and is supported from evidence from research | /1 |
| 1.4Explaining the impact | The candidate musty explain at least one impact of the issue on the environment/society, using some relevant knowledge of p/c/b and making some reference to the candidate’s processed data/ info | N52 |
| 1. Selection of relevant sources of data/information
 | Explained choice in terms of relevance, reliability and perspective2 OUT OF 3 – **(2)**1 OUT OF 3 – **(1)** | /2 |
| 1.5Communicate the findings | Candidate must communicate the findings in a way that is clear, concise, relevant and appropriately structured.They must communicate their findings by:1. communicating straightforward info, ideas or opinions clearly2. summing up the ideas, issues, findings or conclusions in response to the topical issue and its impact on environment / society3. using physics knowledge accurately | N56,7&8 |
| 1. Report structure
 | a) Appropriate structureb) Two relevant data / info  recorded appropriatelyc) clear and concise (conclusion answers aim backed up by research)3 out of 3 **(3)**2 out of 3 **(2)**1 out of 3 **(1)** | /3 |
| **N5 Total** | **20** | /20 |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Subject\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_