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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  investigated  2. 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 |
| 1.2  Researching 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 | N5  4 |
| 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 | 2  Inclusion of 2 types of data from 2 sources  2 sources **(2)**  1 source **(1)** | /2 |
| 1. Processing and presentation of data/information | 1. Processing from:   2 sources **(2)**  1 source **(1)** | /2 | 1.3  Presenting 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 | N5  5 |
| 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 |
| 1.4  Explaining  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 | N5  2 |
| 1. Selection of relevant sources of data/information | Explained choice in terms of relevance, reliability and perspective  2 OUT OF 3 – **(2)**  1 OUT OF 3 – **(1)** | /2 |
| 1.5  Communicate 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 clearly  2. summing up the ideas, issues, findings or conclusions in response to the topical issue and its impact on environment / society  3. using physics knowledge accurately | N5  6,7&8 |
| 1. Report structure | a) Appropriate structure  b) Two relevant data / info  recorded appropriately  c) 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_