**PHYSICS CfE HIGHER: OUTCOME 1 RECORD SHEET**

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| **Pupil Name:** |  | | | | |  | | **(Level):** | | | | |  | | | | |
| **Title of Experiment:** |  | | | | |  | | | | | | | | | | | | |
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| **Assessment standard** | | **Evidence Assessed** | | | | **Evidence produced** | | | | | | | | **Notes** | | | | |
| **1** | | | **2** | | **3** | | |
| **1.1 -Planning an experiment/ practical investigation** | | **Statement of experimental aim** | | | |  | | |  | |  | | |  | | | | |
| Permission to start expt  Date:  Initials:  Student took part in the practical work /  Student worked safely / | | **Hypothesis** | | | |  | | |  | |  | | |  | | | | |
| **Dependent /independent variables** | | | |  | | |  | |  | | |  | | | | |
| **Constant variables** | | | |  | | |  | |  | | |  | | | | |
| **Measurements /observations to be made** | | | |  | | |  | |  | | |  | | | | |
| **Resources /Equipment Needed** | | | |  | | |  | |  | | |  | | | | |
| **Methodolgy** | | | |  | | |  | |  | | |  | | | | |
| **H&S awareness** | | | |  | | |  | |  | | |  | | | | |
| **1.2: Following Procedures Safely** | | **Procedures followed correctly & safely** | | | |  | | |  | |  | | |  | | | | |
| **1.3: Observations /measurements are accurate** | | **Results are repeated where appropriate** | | | |  | | |  | |  | | |  | | | | |
| **1.4: Results presented in appropriate format** | | **SI Units Labels  Standard Abbreviations** | | | |  | | |  | |  | | |  | | | | |
| **1.5: drawing valid conclusions** | | **Give conclusion that is valid & related to aim. If no conclusion is drawn, statement to that effect.** | | | |  | | |  | |  | | |  | | | | |
| **1.6:Evaluating experimental Procedure** | | **Evaluation supported by at least**  **2 x justifications.**  **2 x improvements to expt design** | | | |  | | |  | |  | | |  | | | | |
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| **Resubmissions** | |  | | | |  | | |  | |  | | |  | | | | |
| **Standard** | | **Date** | | | | **Reason** | | | | | | | | | | | | |
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| **Teacher:** | |  | | | |  | | | **Verifier:** | | | | |  | | | | |
| **Date:** | |  | | | |  | | | **Date** | | | | |  | | | | |
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| **Pass/Fail:** | |  | | | |  | | | **Date:** | | | | |  | | | | |
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| Safety Checklist | | | | | | | | | | | | | | | |
| *Note: may not all apply for every experiment* | | | | | | | | | | | | | | | |
| *Note: Insert criteria required if not already listed* | | | | | | | | | | | | | | | |
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| **Criteria** | | | **Required (Y/N)** | | | | **Met** | | | | | **Signed** | | | |  |
| Safety Goggles | | |  | | | |  | | | | |  | | | |  |
| Standing | | |  | | | |  | | | | |  | | | |  |
| Bags clear from working area | | |  | | | |  | | | | |  | | | |  |
| Students understands experiment | | |  | | | |  | | | | |  | | | |  |
| Electrical wiring checked | | |  | | | |  | | | | |  | | | |  |
| No Eating/Drinking | | |  | | | |  | | | | |  | | | |  |
| Equipment attended at all times | | |  | | | |  | | | | |  | | | |  |
| Switched off between observations if required | | |  | | | |  | | | | |  | | | |  |
| Heavy equipment fixed securely | | |  | | | |  | | | | |  | | | |  |
| Manual handling safety | | |  | | | |  | | | | |  | | | |  |
| Hazardous chemicals | | |  | | | |  | | | | |  | | | |  |
| Laser safety | | |  | | | |  | | | | |  | | | |  |
| UV sources | | |  | | | |  | | | | |  | | | |  |
| Heat Sources | | |  | | | |  | | | | |  | | | |  |
| Open flames | | |  | | | |  | | | | |  | | | |  |
| Strong Magnetic fields | | |  | | | |  | | | | |  | | | |  |
| High volume noise | | |  | | | |  | | | | |  | | | |  |
| Sharps | | |  | | | |  | | | | |  | | | |  |
| Obstacles cleared from around area | | |  | | | |  | | | | |  | | | |  |
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