**PHYSICS Unit 1 and 2 Open Investigation: Conducting Stage**

**Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Section** | **Content** | **Maximum Mark** | **Student Mark** |
| Pre-trials procedure | Discussion on complications of pre-trials  Discussion on procedure changes and why | 2  2 |  |
| Pre-trial data | Pre-trial data present in suitable table | 2 |  |
| Investigation Results | Investigation results present in suitable table  Table has at least three trials  Data in table is fairly consistent | 3  1  2 |  |
| Graph | Title, Axis title, scale, correct plots  Axis Unit  Error Bars  Line of Best Fit | 1  1  1  1 |  |
| Calculations | Averages calculated correctly and appropriately  Calculated Absolute Error  Correct calculations performed on data collected | 2  2  2 |  |
| Absolute Error | Absolute error of final result shown | 2 |  |
| Analysis of data | Brief analysis of data  Summary of what the results suggest  Draw some conclusions | 1  2  1 |  |
| **TOTAL** | | 28 |  |