Investigation Planning and Result Sheets

Student name:

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| * **Investigation** **Purpose** (your aim, testable question, prediction or hypothesis) | |
| **Collect and Record Data**  **Independent Variable**   * Fair Test   Which variable will be changed? (e.g. the independent variable?)  How will the independent variable be changed?  Give a suitable range of values for this variable   * Pattern Seeking   What are you going to sample?  First variable:  Second variable: | |
| **Dependent variable**   * Fair Test   Which variable will have to be measured or observed in order to get some data or information from the investigation? (the dependent variable)  How will the dependent variable be measured or observed?   * Pattern seeking   How many samples will you need to take to get reliable data? | |
| **Other variables that need to be controlled to make your results more accurate** | |
| **Variable** | **How will this variable be controlled or measured?** |
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|  |  |
| **How will you make sure that your results are reliable?** | |
| **Notes from your trials** | |

Method

Use the information on your planning sheets to write a detailed step-by-step method.

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| **Step 1** |
| **Step 2** |
| **Step 3** |
| **Step 4** |
| **Step 5** |
| **Step 6** |
| **Step 7** *(add extra steps as necessary)* |
| Changes made to the method |

Findings Report Sheet

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| Recorded data |
| Processed data |
| Interpretation of data |
| Conclusion |
| Evaluation of the method and data |