Candles and Rising Water Marking rubric

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| Outcome | Mark |
| Investigation written in past tense and 3rd person | 1 |
| **Aim** |  |
| Includes independent and dependent variable | 1 |
| **Hypothesis** |  |
| Hypothesis includes both independent and dependent variable in correct format | 2 |
| **Variables** |  |
| Identified at least 3 controlled variables | 1 |
| Identified independent variable | 1 |
| Identified dependent variable | 1 |
| **Equipment and method** |  |
| Correct reference from textbook | 1 |
| **Results** |  |
| Data presented in suitable table | 1 |
| Repeated trials | 0.5 |
| Averages | 0.5 |
| Units included in table | 0.5 |
| Appropriate headings | 0.5 |
| Graph containing title, title on axis, units on axis, correct type, correct data, pencil, ruler (deduct half mark for missing parts) | 5 |
| **Discussion** |  |
| State whether the hypothesis was supported/unsupported | 1 |
| Use examples from results to show if hypothesis was supported/unsupported | 1 |
| Use research to explain why the results obtained | 2 |
| **Evaluation** |  |
| List 2 errors/difficulties experienced in investigation | 1 |
| Describes 2 solutions to the errors/difficulties experienced in the investigation | 2 |
| **Total** | **23** |