Formal Lab Report Rubric

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| **Criteria** | **Requirements** | **Points Possible** | **Points Earned** |
| Question | * Written in question form * Testable | 2 |  |
| Hypothesis | * Written as an “If, then…” statement * Includes both the independent and dependent variable | 3 |  |
| Variables | * Correctly identifies independent variable, dependent variable, constants, and control (if applicable) | 5 |  |
| Materials | * Bulleted list * Lists all needed materials including safety equipment * States quantity and size of all materials | 5 |  |
| Procedure | * Numbered list * Includes all steps in detail and in the correct order * Includes number of trials, how you are measuring your data, and with what equipment | 5 |  |
| Data Table | * Columns are accurately labeled with units of measurement * Includes both independent and dependent variables * Includes all trials and all data neatly entered | 5 |  |
| Graph | * Includes a title above the graph * Axis should be properly labeled with independent and dependent variables and include units. * Correct graph chosen to depict data. | 5 |  |
| Conclusion | * Written in paragraph format * Includes a claim (is your hypothesis proven or disproven) * Evidence (cite specific data from data table, use actual numbers, uses observations) * Reasoning (provide a reason for why you got your results by connecting with content that you are learning) | 5 |  |
| Format | * Proper heading at the top of the page including name, date, grade, and title of lab * Each section should have a heading * Sections should be in the correct order * Proper spelling, grammar, punctuation, and capitalization should be followed * Neat and legible | 5 |  |
|  | Total Points | 40 |  |
|  | Grade |  |  |