**RW Science Lab Report Rubric**  **Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- |
| **Category** | **4** | **3** | **2** | **1** |
| **Components / Organization / Appearance** | All required elements are present. Lab report is very neatly written. Pen was used or lab was typed up.  Headings used to visually organize material. | One required element is missing. Lab report is neatly written but formatting does not visually organize the material. Pencil may have been used | 2-3 required elements are missing. Written work is sloppy and formatting is disorganized. Pencil was used | Several elements are missing. Poorly written. Very sloppy formatting. Lots of cross-outs, erasures, creases, tears, etc. |
| **Variables** | 1 Manipulated,  1 Responding, 2-3 Controlled. Variables are clearly and accurately identified. | Missing one variable or one incorrect variable. | 2 incorrect or missing variables. | 3 or more incorrect or missing variables. |
| **Result: Data / Graphs / Diagrams** | Professional looking, accurate, detailed results. Rulers are used. Titles/Headings included. | Results are well done, fairly accurate. Ruler used. Titles/Headings included. | Messy, partially accurate. Includes some heading. | Very messy, inaccurate, no headings, no ruler. |
| **Analysis** | Answers are extremely clear, use scientific language, evidence from lab used to support answer, answer all the questions | Answers are well written, use some appropriate terms, evidence from lab partially used, answered all the questions | Answers are unclear, terms used are not scientific, rare use of evidence from lab, missed one question | Did not answer majority of questions, poorly written, answers completely wrong |
| **Conclusion** | Conclusion includes: answer to question, whether findings supported hypothesis, what was learned from the lab. Organized in a clear, neat and thoughtful fashion. | Included 2 of the required elements. Well organized. | Included 1 of the required elements. Poorly organized. | Completely incorrect information. Did not include a conclusion. |
| **Spelling, Punctuation, Grammar** | One or fewer errors in spelling, punctuation and grammar. | Two or three errors. | Four to five errors. | Many errors. |

**Name/Date** = 1 mark **Total =** \_\_\_\_\_\_\_\_\_\_\_\_ / 25