

**By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Group Members:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

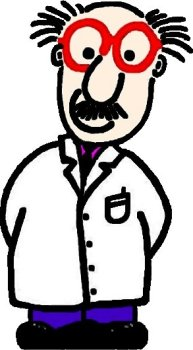
1. Scientific Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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2. Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Criteria for Scientific Question:**

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| --- | --- | --- | --- | --- |
| **Scientific question is clear, specific, and expresses curiosity in a question form (not hypothesis form).** | **1** | **2** | **3** | **4** |

**Criteria for Hypothesis:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hypothesis puts scientific question into a form that is testable. It includes relationship between variables, and a prediction about what will happen in the experiment. It is in the proper format.** | **1** | **2** | **3** | **4** |

3. Materials:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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**Criteria for Materials:**

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| --- | --- | --- | --- | --- |
| **Materials list includes ALL materials used during ALL parts of the experiment: planning, construction and testing.** | **1** | **2** | **3** | **4** |

4. Procedures:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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**Criteria for Procedures:**

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| **Procedures list is organized and detailed, includes every important step from the beginning of construction through the end of testing. Someone wanting to repeat our experiment could follow these directions and have no problem copying what we did.** | **1** | **2** | **3** | **4** |

5. Results (attach data table and graphs of test results): ­­­­­ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Conclusion:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Criteria for Results:**

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| --- | --- | --- | --- | --- |
| **All results are recorded in an organized data table. Graphs (line or bar) include all elements (TAILs), are neat and easy to read (color-coded if need be). This section includes a written statement (1-2 sentences) summarizing the results you got.** | **1** | **2** | **3** | **4** |

**Criteria for Conclusion:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Conclusion takes results into account, and makes an educated guess about *why* you got the results you did. It is a general statement, not specific to your lab. Shows real scientific thinking.** | **1** | **2** | **3** | **4** |

Total Score for Lab Report: /24

Notes/Feedback: