

LAB RUBRIC

Name

Lab Partners Name

Macro #

Due Date of Lab Report (2 pts)

Title (3 pts): Should relate to the lab

Introduction/Hypothesis Statement (12 pts):

_____/5 points- What are you trying to learn about in this lab, explain. The Purpose of the lab.

_____/5 points- What research has been done on this topic in the past? Include at least 2 references.

_____/2 points- State your hypothesis

Materials (4 pts):

_____/4 points- A bulleted LIST of what materials were used

Procedures (5 pts):

_____/5 points- A detailed step by step list of the procedures that were used to conduct the experiment. Someone should be able to read this list and repeat the experiment

Results/Calculations (10 pts):

_____/4 points- Include data in tables and graphs as appropriate

_____/2 points- Tables and graphs labeled and titled correctly (each axis labels, graph title, include units)

_____/4 points - Sample calculations done during lab

Conclusion/Discussion (12 pts):

_____/4 points- Was the hypothesis correct or not, and what can you conclude or did you learn? Explain

_____/4 points- What were possible sources of error and how would you change your methods next time? Explain.

_____/4 points- What future labs could be performed that further explore the topic

Works Cited (2 pts):

_____/2 points - At least 2 references in MLA format (Alphabetical Order)

Example Citation:

Website of article:

<http://science.howstuffworks.com/dictionary/chemistry-terms/density-info.htm>

Citation in MLA format from Knightcote.com: *HowStuffWorks*. N.p., n.d. Web. 22 Sept. 2014.

<<http://science.howstuffworks.com/dictionary/chemistry-terms/density-info.htm>>.

Neatness/Grammar (6 pts)

_____/3 points- All sections except the title are labeled

_____/3 points- don't use first person (I, we,).

Total (56 Pts)

EXAMPLE LAB REPORT

(This is what your lab should look like)

Ian Durkee
Isaac Newton
4th Macro
December 19, 2014 (Due Date)

Velocity Lab (Do not use this title)

Introduction:

The purpose of this lab was to _____. According to the Physical Science book the definition for velocity is _____ (in text citation [author]). According to blank website it says _____ about velocity/marbles/golf balls/distance time graphs which relates to this lab because _____ (in text citation [author or title of article]). The hypothesis that was stated was that the velocity of a tennis ball would be faster than the velocity of a marble.

Materials:

- PVC pipe
- Marble
- Stopwatch
- Chair

Procedures:

Part 1:

1. Setup the pipe and chair
2. ...

Part 2:

1. Setup the pipe and chair
2. ...

Results/Calculations:

Table 1: Data for the marble

| | | |
|--|--|--|
| | | |
| | | |
| | | |

Table 2: Data for Part 2 (Title should be what you studied)

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

Sample Calculations:

Part 1:

Sample Calculation for velocity of marble.

Part 2:

Sample calculation for velocity of part 2.

Conclusions:

After doing the lab the results showed this conclusion. The hypothesis was either proved/disproved. Sources of error that could have occurred during the lab. Future labs that could be conducted.

Works Cited:

HowStuffWorks. N.p., n.d. Web. 22 Sept. 2014.

<<http://science.howstuffworks.com/dictionary/chemistry-terms/density-info.htm>>.