

Niagara High School Science Department Lab Write-up Rubric

Lab reports must be typed. Hand written reports will be returned with a grade of zero (0). You may re-submit once typed, but points will be deducted.

5 points Title:
Date:
Name: Your name/ with partner's name

5 points Purpose: objective

5 points Abstract: no points for copying procedures; briefly describe, in your own words, how you conducted the lab.

5 points Hypothesis: If/then statement that incorporates appropriate independent and dependent variables.

5 points Background Information:

5 points Materials: bulleted list of all equipment and chemicals used

5 points Sketch of experimental set-up (or picture: cite source!)

10 points Procedure: formal: Past tense, impersonal, narrative.
 Informal: bulleted list

10 points Data table/observations:

15 points Calculations/graphs: must show work including units
 All graphs labeled completely

15 points Conclusions (look at purpose):

THIS WILL:

1. START WITH A CONCLUSION STATEMENT

This is one sentence that states a claim that reflects the purpose and your hypothesis.

2. Contain Numerous references to data you have collected, the graph created, and formulas used in your calculations

3. Have at least one, well-written paragraph that links your data to your claim and to the scientific principles that are related to your experiment.

4. Where applicable, calculate a percent error.

5. Discuss sources of error

6. discuss what you have learned from the lab.

Appendix

20 points Answers to questions contained in the lab handout: in complete sentences

References:

5 points Cite all work – MLA format- in text citations expected – even when you paraphrase.