

**Lab Report Assignment:**

Due: \_\_\_\_\_

This lab report will be a write up on the tadpole experiment that you just finished. It is different from an essay because it is divided into sections.

Here is the format for your lab report:

**1. Introduction/Background**

- a. Statement of the Problem:
  - i. What question(s) are you trying to answer?
  - ii. Include any preliminary observations or background information about the subject
- b. Hypothesis:
  - i. Write a possible solution for the problem.
  - ii. Make sure this possible solution is a complete sentence.
  - iii. Make sure the statement is testable, an if-then statement is recommended to illustrate what criteria will support your hypothesis (and what data would not support the hypothesis).

**2. Materials and Methods:**

- a. Write a paragraph (complete sentences) explaining what you did in the lab as a short summary. It should be detailed enough for another student to run the same experiment from the information in your report.
- b. Make sure to include all the items used in the lab.

**3. Results (Data):**

- a. This section should include any data tables, observations, or additional notes you make during the lab.
- b. All tables, graphs and charts should be labeled appropriately.

**4. Conclusions/Discussion:**

- a. Accept or reject your hypothesis.
- b. EXPLAIN why you accepted or rejected your hypothesis using data from the lab.
- c. Include a summary of the data - averages, highest, lowest..etc to help the reader understand your results. Try not to copy your data here, you should summarize and reference KEY information.
- d. List one thing you learned and describe how it applies to a real-life situation.
- e. Discuss possible errors that could have occurred in the collection of the data (experimental errors)

**\*\*Don't forget to double-check your spelling and grammar to make sure that it flows well. Make sure you cite correctly and add a works cited page if you used outside sources!**