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 no 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!**