

Name: _____

Date: _____

Laboratory Report Title
(Enter a Descriptive Title)

Introduction: (What is the purpose of the lab? Provide background information pertaining to the lab. Include pertinent terms and explanations from the textbook or class notes.)

Problem: (State the question that the experiment is trying to solve.)

Hypothesis: (State the predicted outcome of the experiment. This should be based on the introduction.)

Independent Variable: (State the independent variable of the experiment)

Dependent Variable: (State the dependent variable of the experiment. What will be measured in the lab? Include the units)

Control: (If there is a control, state the control.)

Constants: (State what variables must be kept constant)

Materials: (List all materials that were used in the experiment.)

Procedure: (List the steps that were followed to conduct the experiment.)

Data Section: Make sure all data is properly labeled.

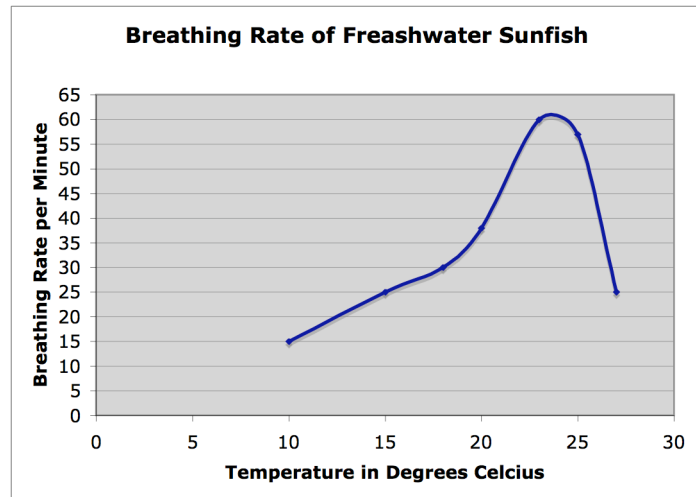
Insert the data table(s) from Excel.

Example:

Temperature Degrees C	Breathing Rate per (Min)
10	15
15	25

Insert the graph(s) created in Excel.

Example:



Analysis of Data: Explain the data in words. Write a paragraph that describes the trends that are visible in the data.

Conclusion: State whether the lab supports the initial hypothesis or not. Be sure to restate the hypothesis in the process. Make suggestions as to why the hypothesis is supported or rejected.

Suggestion for Future Improvement: Discuss any sources of experimental error that may have affected the results of the experiment. Make a suggestion as to how the lab could be improved in the future.

Sources: Properly site all sources. Use the *Research Paper Guidelines*.