Click or tap to enter a date.

Contributor Names: Type your First Name and Last Name here

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**\*\*\*FOLLOW THIS TEMPLATE!!!!!**

**Type the Lab Title Here**

**Driving Question**

Type the question this experiment is attempting to answer here.

**Hypothesis**

Type your hypothesis here. Remember, it must contain all 3 necessary components and attempt to answer the question above: independent variable, dependent variable, and a research-based reason that connects the independent and dependent variables. DO NOT use “I think…” or “We think….” when stating your hypothesis.

**Variables (if applicable)**

* ***Independent Variable:*** List the independent variable here
* ***Dependent Variable(s):*** List the dependent variable(s) here, along with the correct units of measurement

**Controls**

* ***Constant Variables:*** List at least 2 constant variables here.
* ***Control Group:*** State your control group here and give a reason why this is your control group. If there is no control group, state why. (If applicable)

**Materials**

* List all materials used here and the amounts of each material used.

**Procedures**

1. Type your procedures.
2. Be specific in your procedure……reader should be able to replicate your exact experiment.
3. Only type one step per numbered line.
4. Do not write your procedures in a paragraph

**Results**

Paste your data tables you created in Excel here

Remember to give each data table a title (ex/ Data Table 1: Amount of Dissolved Oxygen (mg/L) at Different Depths (m) in Lake Pactola).

Delete these instructions

**Analysis**

Paste your graph(s) you created in Excel here

Answer the remaining analysis/conclusion questions FROM YOUR LAB SHEET below your graph. Don’t forget to correctly number them. Your answers should make sense when read without the question present.

Delete these instructions.

**Conclusion**

State if your hypothesis was supported or rejected using CER. (Claim-Evidence-Reasoning)What errors may have impacted your results and how could they be avoided if completed a second time?

**Sources**

* List any sources used to answer questions or develop hypothesis here. Should normally have at least 2 sources. List in alphabetical order. (Sources should include Mr. Groenke and textbook title)

**Lab Report Tips**

* Don’t wait until the last minute.
* NEVER use first person language. (I, We, Me)
* Always do multiple trials.
* Always label x and y axis on graphs with what you are measuring and the label.
* Ask questions if confused!