

Lab Report : Goldfish Respiration Lab

Student Name: _____

CATEGORY	4	3	2	1
Question/ Purpose	The purpose of the lab or the question to be answered during the lab is clearly identified and stated.	The purpose of the lab or the question to be answered during the lab is identified, but is stated in a	The purpose of the lab or the question to be answered during the lab is partially identified, and is	The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant.
Experimental Hypothesis	Hypothesized relationship between the variables and the predicted results is clear and reasonable	Hypothesized relationship between the variables and the predicted results is reasonable based on	Hypothesized relationship between the variables and the predicted results has been stated, but	No hypothesis has been stated.
Experimental Design	Experimental design is a well-constructed test of the stated hypothesis.	Experimental design is adequate to test the hypothesis, but leaves some unanswered questions.	Experimental design is relevant to the hypothesis, but is not a complete test.	Experimental design is not relevant to the hypothesis.
Procedures	Procedures are listed in clear steps. Each step is numbered and is a complete sentence.	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete	Procedures are listed but are not in a logical order or are difficult to follow.	Procedures do not accurately list the steps of the experiment.
Data	Professional looking and accurate representation of the data in tables and/or graphs. Graphs and	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and	Accurate representation of the data in written form, but no graphs or tables are presented.	Data are not shown OR are inaccurate.
Analysis	The relationship between the variables is discussed and trends/patterns logically analyzed.	The relationship between the variables is discussed and trends/patterns logically analyzed.	The relationship between the variables is discussed but no patterns, trends or predictions are made	The relationship between the variables is not discussed.
Conclusion	Conclusion includes whether the findings supported the hypothesis, possible sources of error, and	Conclusion includes whether the findings supported the hypothesis and what was learned from the	Conclusion includes what was learned from the experiment.	No conclusion was included in the report OR shows little effort and reflection.

TOTAL SCORE = ____ / 28