

Requirement	Points Received	Points Possible
Relevant problem selected		2
Variable relates to problem		2
Creative title		2
Design the investigation: control described that mimics GSL and factors listed which remain constant in both jars		4
Materials listed and justified		4
Thorough procedures listed from beginning of lab until completion		6
Experimental design, clear and labeled		4
Errors anticipated and documented		4
Hypothesis covers all jars and is detailed		6
Data Table 1: number of shrimp estimated daily		6
Data Table2: length of shrimp estimated daily		6
Pictures are neat, and detailed		12
Written observations are detailed, all senses were used, changes were noted with each observations (5 pts per obs)		30
Graphs are neat and accurate		6
Error analysis: detailed and thoughtful (3 pts per question)		9
Conclusions: detailed, thoughtful (3 pts per question)		36
Summary Analysis: used complete sentences, provided thoughtful analysis and shows clear conceptual understanding		12
Total		145