

Canyon Lab Grading Rubric (Spring 2015)

GELO 1d: "...Examine, critique and synthesize information in order to arrive at reasoned conclusions."

Component	Initial +5	Emerging +10	Developed +12	Highly Developed +15
Introduction and hypothesis _____pts	<ul style="list-style-type: none"> No indication of purpose of the research Provides no background information Hypothesis is missing, has a prediction only 	<ul style="list-style-type: none"> Some indication of purpose of the research Provides some background information, but some is inaccurate or irrelevant Provides the hypothesis, but the hypothesis is unclear or confusing Clearly identifies a prediction 	<ul style="list-style-type: none"> Clearly articulates the purpose of the research Provides some accurate and relevant background information Clearly identifies the hypothesis Clearly identifies a prediction 	<ul style="list-style-type: none"> Clearly articulates the purpose of the research, beyond the narrow topic Provides excellent background information Clearly identifies the hypothesis Clearly identifies a prediction
Methods and Materials _____pts	<ul style="list-style-type: none"> Methods are unclear and incomplete and materials are not sufficiently identified No variables correctly identified 	<ul style="list-style-type: none"> Methods are basically explained, but incomplete with some materials not included Some variables correctly identified 	<ul style="list-style-type: none"> Explains methods and materials, but missing some details Most variables correctly identified 	<ul style="list-style-type: none"> Clearly and completely explains methods and materials All variables correctly identified
Results _____pts	<ul style="list-style-type: none"> Graphs and tables are poorly/inaccurately done No mention of tables/graphs in text Many opinion statements 	<ul style="list-style-type: none"> Graphs and tables are inaccurate/missing labels with some errors. Missing a caption. Summarizes tables and graphs in text No clear reference to specific tables/graphs in text Obvious opinion statements 	<ul style="list-style-type: none"> Graphs and tables are adequate but some labels/titles missing. Caption information not appropriate. Generally accurately summarizes the tables and graphs in text Clear reference to some tables/graphs in the text Some opinion statements 	<ul style="list-style-type: none"> Graphs and tables are well done and accurately labeled and titled. Each has a caption. Accurately summarizes the tables and graphs in text Clear reference to all tables/graphs in the text No opinion statements
Conclusion(s) _____pts	<ul style="list-style-type: none"> Fails to identify conclusions, or conclusion is a simplistic summary with no connection to original hypothesis Uses the analysis of information as the basis for tentative, basic judgments, although is hesitant or uncertain about drawing conclusions from this work. Minimal consideration of limitations 	<ul style="list-style-type: none"> Most, but not all inferences are appropriate Uses the analysis of information as the basis for workmanlike (without inspiration or nuance, ordinary) judgments, drawing plausible conclusions from this work. Identifies conclusions and refers to some specific pieces of evidence, but no connection to original hypothesis Minimal consideration of limitations No mention of implications or future research 	<ul style="list-style-type: none"> Most, but not all inferences are appropriate Uses the analysis of information as the basis for competent judgments, drawing reasonable and appropriately qualified conclusions from this work. Clearly links evidence with the conclusion, but not the original hypothesis Minimal consideration of limitations Presents implications and possible future research 	<ul style="list-style-type: none"> Makes appropriate inferences based on the results (the evidence). Uses the analysis of information as the basis for deep and thoughtful judgments, drawing insightful, carefully qualified conclusions from this work Clearly links evidence with the conclusion and the original hypothesis Considers limitations of the study Presents implications and possible future research
Writing quality _____pts	<ul style="list-style-type: none"> No sections labeled Simplistic and/or unclear writing Many errors 	<ul style="list-style-type: none"> Some sections clearly labeled Unclear writing Some errors 	<ul style="list-style-type: none"> Most section clearly labeled Clear writing Few errors 	<ul style="list-style-type: none"> All sections clearly labeled Clear and sophisticated writing using advanced vocabulary; enjoyable to read No errors