

SCIENCE LAB GRADE SHEET

Name(s): _____

			Possible Marks
1	Hypothesis	Should attempt to answer the Question/Problem. Put it in an 'If -then' statement!	/2
2	Controlled variable	At least 3 control variables required (Listing materials is not a control variable!)	/3
3	Manipulated variable	Manipulated variable (only 1 required) Hint: look at the question/problem statement to get manipulated and responding variable!!	/1
4	Responding variable	Responding variable (only 1 required) Hint: look at the question/problem statement to get manipulated and responding variable!!	/1
5	Observations	Should include appropriate presentation of observed data (tables, diagrams, graphs or written observations)	/3
6	Questions for Analysis	Answers are written in complete sentences. Explain why! Use your notes!	/5
7	Validity and Reliability	Try to answer the following: <ul style="list-style-type: none"> • Are there ways to make the experiment more precise? • Are you able to repeat the lab with the procedure you used? • Are there any improvements that could be done to the procedure to reduce mistakes? 	/1
8	Conclusion	Your conclusion should include: 1. Re-state hypothesis 2. Should state if hypothesis was accepted or rejected 3. Make a summary statement based on the data	/3
9	References	Where did you get the information to explain your analysis? Google "griffith university citing tool" for help! (ex. Barker et. al. 2004. <i>Science in Action</i> 9. Addison Wesley Publishing.)	/1
10	"No Buenos"	These are marks you do not want! <u>No buenos count as -1 mark each (up to -5 marks)</u> , they are awarded for such things as: <ul style="list-style-type: none"> • Missing sections (No lab title, no problem statement, not listing materials, etc.) • Bad grammar or spelling (make sure to spell check) • Not cleaning your lab station/conducting a messy lab • Not submitting your lab in a timely manner (a day late is no problem, a week late is a no bueno) • Lab write ups that are messy/crinkled/not written in the correct logical order 	
TOTAL			/20