

Lab Notebook Rubric



STUDENT NAME: _____

Criteria		4	Exceeds Standard:	3	Meets Standard:	2	Developing toward Standard:	1	Does Not Meet Standard:
Content	<i>Overall</i>	Consistently and effectively includes all assignments. Each assignment has a descriptive title and dated. The assignment response is thorough and is neatly written and can be easily read. The notebook is neat and turned in on-time.		Effectively includes most parts of the lab.		Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.		Demonstrates little or no ability to achieve this part of the task.	
	<i>Integrity</i>	Consistently and effectively includes all parts of the required assignment. When appropriate labs include a purpose, hypothesis (if/then statement), correctly labeled independent and dependent variables, background research, materials, procedures, data tables, data analysis and conclusion.		Effectively includes most parts of all the assignments.		Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.		Demonstrates little or no ability to achieve this part of the task.	
	<i>Background and/or Questions</i>	Consistently and effectively writes a background information section that includes external research on the topics covered by the lab. In-text citations and a bibliography are included when appropriate. If there are questions in the lab, student answers all lab questions correctly and in complete sentences.		Effectively writes a background information section and answers all lab questions.		Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.		Demonstrates little or no ability to achieve this part of the task.	
	<i>Data Analysis</i>	Consistently and effectively constructs graphs or some visual representation that displays the data collected or analyzed in the investigation. Graphs/Visuals include a title, labeled axes, with the independent and dependent variables in correct placement when appropriate. Students include a scale that has appropriate intervals and chooses an appropriate display of the data. A short description explaining the content of the visual/graph is included.		Effectively constructs graphs or some visual representation that displays the data collected in the labs or lab investigation. The graph includes a title, labeled axes, with the independent and dependent variables in correct placement. Students include a scale that has appropriate intervals and chooses an appropriate display of the data.		Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.		Demonstrates little or no ability to achieve this part of the task.	
	<i>Conclusion Writing Expectations</i>	Consistently and effectively writes a conclusion to the Lab that is written in three paragraphs. The conclusion contains the purpose, states whether or not the hypothesis was supported and summarizes results. In this summary, students should interpret data, as well as, make sure to connect data		Effectively writes a conclusion that contains the purpose, states whether or not the hypothesis was supported and summarizes results. In this summary, students should interpret data, as well as, make sure to connect data to class content and background research. Students should also state		Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.		Demonstrates little or no ability to achieve this part of the task.	

		to class content and background research. Reasoning should include trying to explain why the results do, or do not, make sense. Students should also state any errors in the lab results, suggest modifications that could be made to reduce errors should the lab be repeated and suggest ways that the lab can be retested. Lastly, students should include a paragraph that states what is learned from the lab and relates the topic to real life.	any errors in the lab results and suggest modifications that could be made to reduce errors should the lab be repeated.		
	Organization <i>MCF.W4</i> <i>P21.2</i>	Consistently and effectively presents text in a clear and coherent manner that is appropriate to purpose, audience, and style, resulting in a high level of engagement and understanding with the reader.	Effectively presents text in a coherent manner that is appropriate to purpose, audience, and style, resulting in the reader's engagement and understanding.	Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.	Demonstrates little or no ability to achieve this part of the task.
	Purpose (In Conclusion Writing) <i>MCF.W10</i> <i>P21.2</i>	Consistently and effectively writes to a specific purpose, audience, and/or task, maintains clear and cogent focus throughout the piece and uses time well.	Effectively writes to a specific purpose, audience, and/or task, maintains focus throughout the piece and uses time well.	Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.	Demonstrates little or no ability to achieve this part of the task.
	Reasoning <i>MCF.M.2</i> <i>P21.2</i>	Consistently and effectively demonstrates an ability to apply relevant thinking skills in presenting information (e.g. comparing, classifying, abstracting, decontextualizing, analyzing); thoroughly and carefully examines supporting information.	Effectively demonstrates an ability to apply relevant thinking skills in presenting information (e.g. comparing, classifying, abstracting, decontextualizing, analyzing); examines supporting information.	Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.	Demonstrates little or no ability to achieve this part of the task.
	Application <i>P21.2</i>	Consistently and effectively makes suggestions on how to do things better; relates material to real life application when appropriate.	Effectively makes suggestions on how to do things better; can relate material to real life application when appropriate.	Marginally presents an ability to achieve this expectation. Parts missing, incomplete or inaccurate.	Demonstrates little or no ability to achieve this part of the task.

Raw Score	Actual Score (80 pts)
36 points	80
36	80
35	79
34	78
33	77

32	76
31	75
30	74
29	73
28	72
27	70
26	68
25	66

24	64
23	62
22	60
21	58
20	56
19	54
18	52
17	51

16	50
15	49
14	48
13	47
12	46
11	45
10	43
9	40