DNA Rubric

Lab is entered in the table of contents = 1 point
Scientific question(s) is (are) stated = 2 points

Prelab = 5 pts.

	Full Credit	4 points	3 Points	< 3 points
Formal Hypothesis	Hypotheis is stated in the correct format, variables tested are easy to identify, preditcve statement gives specific relationship of variables	1-2 difference(s) from full credit	3-4 differences from full credit	More than 4 differences from full credit

Full Credit	9-8 points	7-6 points	< 6 points

Data/Graphs = 10 pts.

Full Credit	9-8 points	7-6 points	< 6 points
Appropriate data to address the hypothesis is collected in a table and displayed in an appropriate graph and/or diagram. Graphs and tables have appropriate numbers and titles. A short paragraph describes the overall trends in the data.	1-2 differences from full credit	3-4 differences from full credit	More than 4 differences from full credit

Conclusion and Error Analysis = 15 points.

	Full Credit"A"	Satisfactory "B"	Adequate "C"	Inadequate "D"
Claim	Conclusion opens with restatement of hypothesis and statement of support or non-support (rejection) of hypothesis	1-2 differences from full credit	3-4 differences from full credit	More than 4 differences from full credit
Evidence	Specific trends or important points of data and observations from the lab are discussed with respect to their support or non-support of the hypotheis	1-2 differences from full credit	3-4 differences from full credit	More than 4 differences from full credit
Reasoning	Give an explanation of WHY you got the results that you did using correct terminology from class or your background research. This should focus on the overall idea of the laboratory and how your data reflects your hypotheis.	1-2 differences from full credit	3-4 differences from full credit	More than 4 differences from full credit
Errors	Describe one possible source of non-human error and how it may have impacted the data.	1-2 differences from full credit	3-4 differences from full credit OR HUMAN ERROR CITED	More than 4 differences from full credit