

# Biotech Notebook Scoring Rubric

Student: Experiment:		Date: Evaluator:				
Objective	Novice (1)		Developing (2)		Proficient (3)	
<b>Organization:</b> organize lab notes effectively		Pages not numbered, dated, or signed		Most pages are numbered dated and some signed		All pages numbered and signed every section is dated
		No Titles or Headings		Titles and Headings are clearly marked in most experiments		Each experiment has a Title, Goal, Method, Result, and Conclusion
		Table of contents is missing		Table of contents is mostly up-to-date and complete		Table of contents lists Date, Experiment Title, and Page numbers for each experiment
		When experiments are on different section of notebook forwarding and previous section info is not given		When experiments are on different section of notebook info on location is hard to follow		When experiments are on different section of notebook forwarding and previous section info is easy to follow.
<b>Content:</b> Describe materials and methods used and document results		Methods are incompletely described		Methods and Materials are described in most experiments		One could repeat the experiment from the Methods described.
		Figures and Tables are not included when appropriate		Most Figures and Tables are included but not properly labeled		All Figures and Tables are included accompanied by titles and legends
		Observations are not recorded		Observations are noted		Observations are carefully recorded
<b>Analysis:</b> Describe data analysis		Data analysis is not described or included		Data is analyzed, but the methods used may not be fully described		Data analysis is complete with sample calculations written out in full
		No error analysis		Error analysis is qualitative		Error Analysis is qualitative and quantitative estimates are given
<b>Interpretation</b> Reach a conclusion		Conclusions are not documented		Immediate thoughts are recorded for most experiments		Results are interpreted in the context of the hypothesis being tested or technique being conducted.