

Biology 3B Scientific Paper Rubric

Author/s: _____

Reviewer: _____

Paper Section	Criteria	Possible	Score	Section Total
Title (5%)	Title is fully descriptive of work	2		
	Author/s names and affiliation given	1		
	Format of title and authors is correct	1		
	No spelling errors, scientific name format correct	1		
Abstract (5%)	Accurate and succinct	1		
	Data and stats are appropriately presented	1		
	Hypothesis is clear	1		
	No spelling or grammar errors are present	1		
	Format is correct	1		
Introduction (20%)	Hypothesis /objective is clearly stated	4		
	Background coverage is adequate	5		
	Citations are present	4		
	Citation style is correct	4		
	No spelling or grammar errors present	2		
	Format is correct	1		
Materials and Methods (15%)	All methods are clearly stated	5		
	Research methods are appropriate to problem	4		
	This section is written in the past tense	3		
	No data are presented in this section	1		
	No spelling or grammar errors present	2		
Results (25%)	Appropriate textual description of all data is present	4		
	All Figures and Tables are referenced in text	3		
	Figure and Table captions are complete	3		
	Figure and Table caption format is correct	2		
	All data are presented, and only once	2		
	Statistical analyses have been completed	3		
	Statistical analyses/ calculations are correct/ appropriate	3		
	Format of statistics / calculations is correct	3		
	No spelling or grammar errors present	2		
Discussion (20%)	Data are discussed	5		
	Conclusions are based on data presented in results section	5		
	Conclusions are clearly related to the hypothesis	5		
	Conclusions are related to cited literature	3		
	No spelling or grammar errors present	2		
Literature Cited (10%)	All literature is cited in text	4		
	Format is correct	3		
	Correct number of citations	3		
		Paper Total:		

