

Final Paper Criteria - Order of Paper

	GOOD	AVERAGE	BELOW AVERAGE	E
1. TITLE PAGE	Descriptive title that includes dependent and independent variables and experimental subject - 5	Title misses one of the important parts of a good descriptive title - 4	Title does not convey the purpose of the experiment effectively - 1	
2. Abstract	3-5 sentence abstract that briefly includes hypothesis, methods, and conclusions - 5	abstract includes too much information or does not mention the hypothesis, methods, or conclusions - 3	the abstract is not a summary of the experiment but an abstract is present - 1	
3. Intro - Lit Review				
A. Supporting information	Fully discusses supporting information - 15	Partially discusses supporting information - 10	Little background information provided - 5	
B. Hypothesis - "The hypothesis FOR the experiment was..."	States a hypothesis clearly that follows logically from the background info. - 5	States a hypothesis clearly but it does not relate to the background info. - 3	States a hypothesis, but it does not relate to the experiment or the background info. - 1	
4. MATERIALS AND METHODS/Budget - include what was measured for the responding variable	Describes the experiment so that it could easily be repeated - all crucial details are included - 15	Describes the experiment with most details included - 10	Few details included so it would be difficult to repeat the experiment - 5	
5. RESULTS - Yours and International Data	All collected data is included in a table with a title; data is summarized with a graph; data is statistically analyzed; qualitative data is described - 20	All results present but not clearly, or not all results presented - 15	Not all results presented and those that are presented are poorly displayed - 10	
6. DISCUSSION	Must be at least 4 paragraphs in length			
A. Conclusions	A logical conclusion is clearly stated - 5	A conclusion is stated, but it is not clearly related to the results - 3	No clear statement of a conclusion - 1	
B. Analysis of results	At least one clear explanation is provided to explain the results - 5	provided for the results, but it is not clearly stated - 4	Little or no explanation is provided for the results - 1	
C. Improvement of the experiment - you can NOT use "more replication"	3 problems with the experiment are EXPLAINED and 3 improvements are suggested - 5	2 problems are identified and explained and their solutions discussed - 4	1 clear suggestion is provided for proving the experiment - 1	
- do NOT use the improve- ments in this section	3 suggestions for future experiments - 5	2 suggestions for future experiments - 4	1 suggestion for future experiments - 1	
E. Recommendations	Doable and based upon study results - 5	Doable but not based upon study results - 3	Not doable and not based upon study results - 1	
7. BIBLIOGRAPHY	At least 8 appropriate references provided - 10	At least 6 appropriate references provided - 8	At least 4 appropriate reference provided - 5	
8. Appendix				
9. Acknowledgement				