

### Medical Bioscience Scientific Paper Grading Rubric

TEAM INFO	
<b>School</b>	
<b>Instructor</b>	
<b>Project Title</b>	
<b>Student Names</b>	

<b>A. Cover and Title Page</b>	<b>/ .5</b>
<b>B. Table of Contents</b>	<b>/ .5</b>
<b>C. Abstract</b>	<b>/ 1</b>
<b>D. Introduction</b>	<b>/ 5</b>
<b>E. Question</b>	<b>/ .5</b>
<b>F. Hypothesis</b>	<b>/ .5</b>
<b>G. Material List</b>	<b>/ 1</b>
<b>H. Written Protocol</b>	<b>/ 5</b>
<b>I. Data Analysis</b>	<b>/ 5</b>
<b>J. Conclusion</b>	<b>/ 5</b>
<b>K. References</b>	<b>/ 1</b>
<b>TOTAL</b>	<b>/ 25</b>
<b>TOTAL ÷ 5*</b>	

**Scientific Paper Guidelines Reference**

(typed, 1-inch margins, 12 font, Times New Roman)

- A. Cover and Title Page
- B. Table of Contents (starts with the Abstract & ends with the References)
- C. Abstract (summary of project using the scientific method, less than 250 words)
- D. Introduction (background description of the problem, historical background of the topic, scope of the research project that will take place, using future tense)
- E. Question/s: What team is trying to solve
- F. Hypothesis: educated guess
- G. Material List: examples— glassware, machinery, or chemicals
- H. Written Protocol: step by step procedure in past tense; include dependent vs. independent controls
- I. Data Analysis: including charts, graphs, diagrams, photos. All should be titled, labeled and captioned whenever applicable
- J. Conclusion (four parts)
  - 1. State what the data analysis means
  - 2. State whether or not the hypothesis was correct
  - 3. Experimental errors
  - 4. Recommendation for further research
- K. References (primary and secondary)

\*NOTE: The scientific paper score will be added to the Judging Team Score Card