

RESEARCH PAPER EVALUATION

Missouri Regional Junior Science, Engineering and Humanities Symposium

Paper Rank: ___ First **STUDENT NAME:** _____
 ___ Second **SCHOOL / TEACHER:** _____
 ___ Third Paper Title: _____
 ___ Fourth _____
 ___ Fifth Paper Section: _____
 ___ Sixth Judge: _____

Recommendation for University Scholarship: Yes _____; No _____

Evaluative Criteria

Area for Consideration	Possible # of Points	Points Scored
I. Scientific Thought	15	
a. Is there a clear statement of the problem? b. Is the project sufficiently limited in scope to permit a meaningful experiment? c. Is the project clearly in the realm of observable, measurable and testable phenomena? d. Is there evidence that the student understands the scientific and technical principles involved in the investigation?		
II. Development of Project	20	
a. Is the project a result of individual curiosity and individual pursuit? b. Has this project challenged the participant at his/her level? c. Has the student gone beyond the boundaries of regular school subject matter? d. Does the project show originality, creativity and independent thinking?		
III. Experimental Process	30	continued
a. Is the procedure designed to obtain the critical information for the solution to this problem? b. Has the proper procedure been carried out in the correct way? c. Has the student used any original or ingenious materials in the design of the apparatus or in the method? (continued)		

Area for Consideration	Possible # of Points	Points Scored
III. Experimental Process (Continued)		
<ul style="list-style-type: none"> d. To what extent have available facilities and equipment been utilized and adapted to the investigation? e. Has the student tested the findings for reproducibility or obtained verification from outside sources? f. Have independent and dependent variables been identified? (Some mathematics, philosophical or theoretical papers may not have variables.) g. Is there evidence the project has been thoroughly and intensively studied? h. Has the student acknowledged to what degree assistance from others was received in selection of topic, research or construction of apparatus? i. Has the student given credit in an acceptable format for borrowed materials in footnotes or bibliography? 		
IV. Analytical Approach	25	
<ul style="list-style-type: none"> a. Has the data, obtained by the experiment, been fully used to draw valid conclusions? b. Is there an evaluation of the validity of results? c. Are there suggestions for future research? d. Was statistical analysis employed where appropriate? e. Is there a clear understanding of the statistical procedures used (if appropriate)? 		
V. Communication Skills	10	
<ul style="list-style-type: none"> a. Is the research paper written in a clear and understandable manner? b. What was the quality of boardwork and audiovisuals? c. Did the student have good voice projection, a clear enunciation and use of acceptable terms and grammar? d. Was there a definition of terms and clear explanation of concepts? e. Did the student have the ability to handle questions well? 		
TOTAL POINTS SCORED (OUT OF 100 POSSIBLE)		

GENERAL COMMENTS:

*** This is a suggested evaluation checklist and does not commit judges to those criteria or weights.**