Junior Science & Humanities Symposium Judging Score Sheet

Name of Student:	Name of Judge:	
ranic of Student.	ranic of Judge.	

JSHS recognizes students for original research achievements in the sciences, technology, engineering or mathematics (STEM). The overall test is that students demonstrate valid investigation and experimentation aimed at discovery of knowledge. The judging criteria and scoring for JSHS are presented. A total score of 30 points is assigned using the below scale and serves as the basis for discussions among the judging team. Rank each students' oral presentation using the following criteria and weights:

5 = Superior 4 = Excellent 3 = Good 2 = Satisfactory 1=Fair

	Suggested Weight					
tatement and identification of research problem						
Is the problem clearly stated?						
Does the presenter demonstrate understanding of existing knowledge	1	•	2	4	_	
about the research problem?	1	2	3	4	5	
cientific thought, creativity/originality						
 Process skills demonstrated by the student in the solution to the 						
research problem and/or the research design						
Student demonstrates his or her individual contributions to and	1	2	3	4	5	
understanding of the research problem						
• Level of effort						
esearch design, procedures (materials & methods), results						
ScienceAppropriateness of research design and procedures						
 Appropriateness of research design and procedures Identification and control of variables 						
Reproducibility Engineering, computer science, technology						
Workable solution that is acceptable to a potential user	1	2	3	4	5	
Recognition of economic feasibility of solution						
Recognition of relationship between design and end product						
Tested for performance under conditions of use						
Results offer an improvement over previous alternatives						
- results offer an improvement over previous attenuatives						
iscussion/Conclusions						
Clarity in stating conclusion						
 Logical conclusion that is relevant to the research problem and the 						
results of experimentation or testing						
 Recognizes limits and significance of results 						
• Evidence of student's understanding of the scientific or technological	1	2	3	4	5	
principles						
 Theoretical or practical implications recognized 						
• What was learned?						
kill in communicating research results Oral Presentation and written report						
 Clarity in communicating research results to non-specialized 						
audience and to judges						
 Definition of terms as necessary 		•	•	,	_	
 Appropriate use of audio-visuals 	1	2	3	4	5	
 Response to questions from audience and judges 						
Acknowledgement of sources and major assistance received						5
TOTAL SCORE						