

**Project # \_\_\_\_\_ Feedback Form – Senior/Intermediate Division**

The purpose of this form is to provide one judge’s assessment of the strengths and weaknesses of the presenter’s work in order to improve future projects. It does not indicate how well the presenter performed with respect to other PRSEF participants.

<b>Judging Criteria</b>	<b>Outstanding</b>	<b>Above expectations</b>	<b>At Expectations</b>	<b>Areas for Improvement</b>	<b>Points</b>
<b>Scientific thought</b>	<input type="checkbox"/> Hypothesis is relevant, testable, and novel	<input type="checkbox"/> Hypothesis is relevant, testable, and approached in a new way	<input type="checkbox"/> Hypothesis is relevant, testable, & new to the student; research beyond simple internet search	<input type="checkbox"/> Choose a scientific question that is at or above the grade level of the student. Ensure that it is testable	_____/20
	<input type="checkbox"/> Conclusion is fully supported by data	<input type="checkbox"/> Conclusion is largely supported by data	<input type="checkbox"/> Conclusions may overstate what is supported by the data	<input type="checkbox"/> Provide data that support the conclusion	
<b>Experimental methods</b>	<input type="checkbox"/> Variables & controls clearly defined and complete	<input type="checkbox"/> Variables & controls defined and complete	<input type="checkbox"/> Variables & controls defined but may be incomplete	<input type="checkbox"/> Define variables and provide controls	_____/20
	<input type="checkbox"/> Multiple trials, with multiple samples, performed	<input type="checkbox"/> At least 2 independent trials with multiple samples performed	<input type="checkbox"/> Single trial with multiple samples performed	<input type="checkbox"/> Perform multiple trials with multiple samples	
	<input type="checkbox"/> Experimental methods well planned, documented, & executed	<input type="checkbox"/> Experimental methods well planned & carefully executed	<input type="checkbox"/> Experimental method appropriate but execution incomplete	<input type="checkbox"/> Use an experimental method that is appropriate	
	<input type="checkbox"/> Thorough work notebook	<input type="checkbox"/> Work notebook included	<input type="checkbox"/> Weak notebook	<input type="checkbox"/> Prepare and present a notebook	
<b>Analytical approach</b>	<input type="checkbox"/> Data completely supports conclusions	<input type="checkbox"/> Data adequate to support conclusion	<input type="checkbox"/> Data consistent with conclusions but not convincing	<input type="checkbox"/> Present data that support conclusions	_____/20
	<input type="checkbox"/> Data limitations defined	<input type="checkbox"/> Data limitations not fully understood	<input type="checkbox"/> Limitations of data not addressed	<input type="checkbox"/> Understand and describe the limitation of the data	
	<input type="checkbox"/> Statistical analysis is appropriate & correctly executed	<input type="checkbox"/> Statistical analysis correctly executed	<input type="checkbox"/> Statistical analysis included	<input type="checkbox"/> Apply correct and appropriate statistical analysis	
<b>Visual Presentation</b>	<input type="checkbox"/> Poster is primarily graphs or tables, scientific question, conclusions, & brief descriptions of methods	<input type="checkbox"/> Text and visually displayed information balanced on poster	<input type="checkbox"/> Text outweighs visually displayed information	<input type="checkbox"/> Revise the poster to balance text and visually displayed information	_____/20
	<input type="checkbox"/> Data presentation is clear and concise.	<input type="checkbox"/> Proper use of data presentation (graphs/tables)	<input type="checkbox"/> Some use of graphs/tables for data presentation		
	<input type="checkbox"/> Material is well organized and reader needs no assistance.	<input type="checkbox"/> Material is organized and reader needs minimal assistance.	<input type="checkbox"/> Material is organized so the reader can navigate through it with help		
<b>Oral Presentation</b>	<input type="checkbox"/> Well prepared, reflects a deep understanding in the question and relevance to a broad audience	<input type="checkbox"/> Well prepared, reflects a deep understanding of the question	<input type="checkbox"/> Well prepared, reflects an adequate understanding of the question.	<input type="checkbox"/> Provide a complete description of the question	_____/20
	<input type="checkbox"/> Responds readily to questions	<input type="checkbox"/> Familiarity of background appropriate to experience level	<input type="checkbox"/> Limited familiarity with background appropriate with experience level	<input type="checkbox"/> Become more familiar with the background material	
	<input type="checkbox"/> Can reason from findings to suggest further investigations	<input type="checkbox"/> Can reason from findings, with help, to suggest further work	<input type="checkbox"/> Able to suggest further research	<input type="checkbox"/> Provide at least one suggestion for further research	

Judge’s Constructive Comment/Suggestion: