

PRSEF USE ONLY  
 Student Name \_\_\_\_\_  
 Teacher \_\_\_\_\_  
 School \_\_\_\_\_

**Project # \_\_\_\_\_ Computer Science 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.

| Judging Criteria               | Outstanding  | Above expectations  | At Expectations   | Areas for Improvement  | Points   |
|--------------------------------|--|---|---|--|----------|
| <b>Scientific thought</b>      | <input type="checkbox"/> Objective is clear, ambitious and practical<br><input type="checkbox"/> Approach to problem is novel  | <input type="checkbox"/> Objective is clear and practical<br><input type="checkbox"/> Approach to problem is new to the student   | <input type="checkbox"/> Objective is clear but limited<br><input type="checkbox"/> Approach to problem is well-understood  | <input type="checkbox"/> Clarify and limit the objective<br><input type="checkbox"/> Reevaluate the approach to the problem to prevent potential failures  | _____/20 |
| <b>Programming methodology</b> | <input type="checkbox"/> Appropriate choice of computer language and effective use of language features<br><input type="checkbox"/> Program and data structure well-fitted to problem<br><input type="checkbox"/> Coding standards and conventions used  | <input type="checkbox"/> Appropriate choice of computer language<br><input type="checkbox"/> Program and data structure adequate for the problem<br><input type="checkbox"/> Code adequately commented and with good variable naming  | <input type="checkbox"/> Appropriate choice of computer language but language features not used to advantage<br><input type="checkbox"/> Program and data structure sufficient to solve the problem<br><input type="checkbox"/> Code inadequately commented and with mediocre variable naming   | <input type="checkbox"/> Improve the choice of computer language and improve use of features of computer language<br><input type="checkbox"/> Redesign the program or data structures to prevent failures<br><input type="checkbox"/> Comment the code and use descriptive variable names  | _____/20 |
| <b>Analytical approach</b>     | <input type="checkbox"/> User interface is effective<br><input type="checkbox"/> Processing algorithms are correct and efficient   | <input type="checkbox"/> User interface is adequate<br><input type="checkbox"/> Processing algorithms are correct with attention paid to efficiency   | <input type="checkbox"/> User interface is poor<br><input type="checkbox"/> Processing algorithms are correct but efficiency is not a consideration   | <input type="checkbox"/> Redesign the user interface to prevent confusion<br><input type="checkbox"/> Correct the processing algorithms to produce expected results  | _____/20 |
| <b>Visual Presentation</b>     | <input type="checkbox"/> Poster contains concise summary of algorithms, results, and sample input and output, including special cases<br><input type="checkbox"/> Diagrammatical description of program structure<br><input type="checkbox"/> Material is well organized and reader needs no assistance. | <input type="checkbox"/> Poster contains adequate information<br><input type="checkbox"/> Algorithms described<br><input type="checkbox"/> Samples of input and output presented<br><input type="checkbox"/> Limited diagrammatical description of program structure<br><input type="checkbox"/> Material is organized and reader needs minimal assistance. | <input type="checkbox"/> Poster contains too much or too little detail<br><input type="checkbox"/> Algorithms are not sufficiently described<br><input type="checkbox"/> Some important input and output conditions are missing<br><input type="checkbox"/> Limited attempt at description of program structure<br><input type="checkbox"/> Material is organized so the reader can navigate through it with help | <input type="checkbox"/> Clarify the poster<br><input type="checkbox"/> Present the algorithms and correctly describe them<br><input type="checkbox"/> List input and output conditions with samples<br><input type="checkbox"/> Describe the program structure<br><input type="checkbox"/> Organize the material to assist the reader | _____/20 |
| <b>Oral Presentation</b>       | <input type="checkbox"/> Well prepared, reflects a deep understanding of the program and how it satisfies the objective<br><input type="checkbox"/> Responds readily to questions<br><input type="checkbox"/> Can reason from experience to suggest further improvements and extensions                  | <input type="checkbox"/> Well prepared, reflects a deep understanding of the question<br><input type="checkbox"/> Familiarity of background appropriate<br><input type="checkbox"/> Can suggest further improvements  | <input type="checkbox"/> Well prepared, with a superficial understanding of the problem<br><input type="checkbox"/> Limited familiarity with background<br><input type="checkbox"/> Suggestions for improvements are very simple  | <input type="checkbox"/> Provide a complete description of the problem<br><input type="checkbox"/> Become more familiar with the background material<br><input type="checkbox"/> Suggest at least one potential improvement  | _____/20 |

Judge’s Constructive Comment/Suggestion: