

Project No: _____

Participant(s) Name(s): _____

Judge's No: _____



WRSTEF JUDGING RUBRIC AND TALLY SHEET

Non-Experimental/Innovation Project – The evaluation of data, innovative devices, models or techniques.

Please contact a member of the WRSTEF Committee before judging if you have difficulty choosing whether the Experimental or Non-Experimental/Innovation Rubric should be used.

Please use the following scale:

5 Excellent
4 Good
3 Satisfactory
2 Weak
1 Poor
0 Not Present

1. SCIENTIFIC METHOD

PROBLEM/HYPOTHESIS

- Existing knowledge and background research were integrated into the formation of the problem----- 0 1 2 3 4 5
- The topic/problem was clearly stated and provided direction for the project ----- 0 1 2 3 4 5

METHOD

- Suitability and limitations of the chosen materials/methods were understood----- 0 1 2 3 4 5
- The project design was efficient, effective and addressed the problem/objective ----- 0 1 2 3 4 5
- The project design was appropriately tested----- 0 1 2 3 4 5
- Logbook recorded progress of the project, including detailed procedures, results and modifications ----- 0 1 2 3 4 5

ANALYSIS/CONCLUSIONS

- A connection was established between the problem/objective and results ----- 0 1 2 3 4 5
- Critical analysis and testing of the project design was completed----- 0 1 2 3 4 5
- A logical conclusion/summary based on the research was developed ----- 0 1 2 3 4 5

2. CREATIVITY AND INSIGHT

- The problem was approached with originality ----- 0 1 2 3 4 5
- Independent motivation, design and thinking were demonstrated ----- 0 1 2 3 4 5
- Resourceful use of equipment and/or materials was shown ----- 0 1 2 3 4 5
- Improvements that could be made to the project were described ----- 0 1 2 3 4 5
- Practical applications and future research in the project area were indicated ----- 0 1 2 3 4 5

3. COMMUNICATION

- The oral presentation was clear, logical and concise ----- 0 1 2 3 4 5
- Answers to questions were clear and demonstrated understanding of the project ----- 0 1 2 3 4 5
- All required written information including credits, citations and applicable ethics/consent forms were presented 0 1 2 3 4 5
- The visual display was effective, logical and referred to in the presentation ----- 0 1 2 3 4 5
- The topic was presented with enthusiasm and feedback receptively received ----- 0 1 2 3 4 5

4. DEGREE OF DIFFICULTY

- The project demonstrated a level of difficulty far beyond the student's grade level ----- 0 1 2 3 4 5

JUDGING DECLARATIONS

- My level of expertise in the topic area of this project ----- 0 1 2 3 4 5

0 – no knowledge in this field, 1–some knowledge, 2 – basic knowledge, 3 – average knowledge, 4 – very knowledgeable, 5 – expert

- As per the WRSTEF Conflict of Interest Policy, I have no conflicts in judging this student(s) ----- 0 for agree