Peel Region Science Fair
Evaluation Form

Project Number: _____ **Judge Number: _____**

Scientific Thought and Knowledge (Value 65 %)	**1 = Poor, 5 = Average, 10 = Excellent**										
Abstract: Is there a well-defined objective/purpose and project summary?	1	2	3	4	5	6	7	8	9	10	Total:
Introduction: Is the objective well motivated/explained?	1	2	3	4	5	6	7	8	9	10	
Approach: Does the design of the investigation effectively address the problem identified?	1	2	3	4	5	6	7	8	9	10	
Analysis: Was the analysis scientifically valid?	1	2	3	4	5	6	7	8	9	10	
Conclusions: Are the conclusions valid based on the analysis?	1	2	3	4	5	6	7	8	9	10	
Discussion: Does the student accurately comment/reflect on the conclusions suggested by their data?	1	2	3	4	5	6	7	8	9	10	
Does the student have clear ideas for future work?	1	2	3	4	5	6	7	8	9	10	
Does the student understand the scientific principles related to the project at an appropriate level?	1	2	3	4	5	6	7	8	9	10	

Originality and Creativity (Value 15 %)	**1 = Poor, 5 = Average, 10 = Excellent**										
Does the project show originality appropriate to the student's grade level?	1	2	3	4	5	6	7	8	9	10	Total:
Evidence of student contribution to the design and execution?	1	2	3	4	5	6	7	8	9	10	
Is there an impactful application or human benefit?	1	2	3	4	5	6	7	8	9	10	

Presentation and Display (Value 20 %)	**1 = Poor, 5 = Average, 10 = Excellent**										
Does the exhibit convey details clearly and effectively and uses charts/graphs in a meaningful way?	1	2	3	4	5	6	7	8	9	10	Total:
Does the exhibit demonstrate good workmanship?	1	2	3	4	5	6	7	8	9	10	
Does the student effectively communicate their understanding?	1	2	3	4	5	6	7	8	9	10	
Does the student handle judge's questions competently?	1	2	3	4	5	6	7	8	9	10	
Does the student demonstrate that they have completed the project independently (as could be expected given the grade level and safety)?	1	2	3	4	5	6	7	8	9	10	

Overall Evaluation				
The overall level of the project was: Level:	1	2	3	4

Level 1 – Basic
- Project duplicates a known experiment with predictable results.
- Device replicating exiting technology is constructed.
- Study has little focus and/or few published sources.

Level 2 - Noteworthy
- An existing device is improved/used in alternative ways to reach a goal.
- Study covers a specific issue, includes multiple sources and student insight.

Level 3 - Advanced
- Original experiment with control of some significant variables and quantitative analysis of observations.
- Construction of innovative device or development of innovative technique with potential practical application.
- Study focuses on specific issue, uses multiple sources, and includes significant analysis of data gathered.

Level 4 - Exceptional
- Original experimental research with most variables controlled and detailed quantitative analysis of data gathered to draw useful conclusion.
- Construction or design of an innovative device or technique with commercial application or of benefit to society.
- Study includes in-depth analysis of data gathered from multiple sources to provide original solution or significant insight into a current issue.