Project Number:		-
Category:		-
Division:		
TOTAL SCORE	/100	

Judge's Tally Sheet

Greater Vancouver Regional Science Fair

Part A: Scientific Thought (45 Marks) Part B: Original Creativity (25 Marks) See reverse side

Part C: Display (Maximum 20 marks)

- 1. Skill (maximum 10 marks)
 - Necessary scientific skill
 - Exhibit well constructed /3
 - Material prepared independently /2
 - Judge's discretion /2 /10
- 2. Dramatic value (maximum 10 marks)
 - Layout logical & selfexplanatory
 - Exhibit attractive /4
 - Judge's discretion /2

/10 Total /20

Judge's Summary Part A: Scientific Thought	/45
Part B: Original Creativity	/25
Part C: Display	/20
Part D: Presentation	/10
Total Score (transfer to left)	/100

Part D: Presentation (Maximum 10 marks)

- 1. Clear and logical presentation /3
- 2. Enthusiastic presentation
- 3. Ability to answer questions /3
- 4. Judge's discretion /2

Total /10

Notes and Comments:

/3

/4

Part A: Scientific Thought – 45%			Mark	
Experiment An investigation undertaken to test a scientific hypothesis experimentally. The variables, if identified, are controlled to some extent.	Innovation The development and evaluation of innovative devices, models or techniques or approaches in technology, engineering or computers (hardware or software).	Study A collection and analysis of data to reveal evidence of a fact or a situation of scientific interest. It could include a study of cause and effect or theoretical investigations of scientific data.		
Level 1 (low) Mark Range 5	to 15	scientific data.		
Duplicate a known experiment to confirm the hypothesis. The hypothesis is totally predictable.	Build models (devices) to duplicate existing technology.	Study existing printed material related to the basic issue.		
Level 2 (fair) Mark Range 1:	5-25			
Extend a known experiment through modification of procedures, data gathering and application.	Make improvements to or demonstrate new applications for existing technological systems or equipment and justify them.	Study material collected through a compilation of existing data through personal-observations. Display attempts to address a specific issue.		
Level 3 (good) Mark Range 2	25 to 35			
Devise and carry out a n original experiment. Identify and control some of the significant variables. Carry out an analysis using graphs or simple statistics	Design and build innovative technology or provide adaptations to existing technology that will have human benefit and/or economic applications.	Carry out a study based on observations and literary research illustrating various options for dealing with a revelant issue. Include appropriate analysis (arithmetic, statistical, or graphical) of some significant variable(s).		
Level 4 (excellent) Mark Range 35 to 45				
Devise and carry out original experimental research which attempts to control or investigate most significant variables. Include statistical analysis in the treatment of data.	Integrate several technologies, inventions or designs and construct an innovative technological system that will have human and/or commercial benefit.	Correlate information from a variety of significant sources which may illustrate cause and effect or original solutions to current problems through synthesis. Identify significant variable(s) with an in-depth statistical analysis of data.		

Part B: Original Creativity – 25%						
Rank 1 (low)	Rank 2 (fair)	Rank 3 (good)	Rank 4 (excellent)			
Mark Range 5 to 10	Mark Range 10 to 15	Mark Range 15 to 20	Mar Range 20 to 25			
Little imagination shown. Project design is simple with minimal student input. A textbook or magazine type project.	Some creativity shown in a project of fair to good design. Standard approach using common resources or equipment. Topic is a current or common one.	Imaginative project, good use of available resources. Well thought out, above ordinary approach. Creativity shown in design and/or use of materials.	A highly original project or a novel approach. Shows resourcefulness, creativity in design. Use of equipment and/or construction of project.			
Mark						