Rank:	of

Judge's Name: _____ **Project Number: _____**

Judge's Marking Sheet – Side A

PART A: SCIENTIFIC THOUGHT - 45 % SELECT ONLY ONE			**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 6 7 8 9 10 11 12 13 14**		
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	**15 16 17 18 19 20 21 22 23 24**		
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 and through personal observations. Display attempts to address a specific issue.	
Level 3 (good) Mark Range	**25 26 27 28 29 30 31 32 33 34**		
Devise and carry out an 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 relevant issue. Include appropriate analysis (arithmetic, statistical, or graphical) of some significant variable(s).	
Level 4 (excellent) Mark Range	**35 36 37 38 39 40 41 42 43 44 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.	

Judge's Marking Sheet – Side B

PART B: ORIGINAL CREATIVITY - 25% SELECT ONLY ONE			
Level 1 (low) **5 6 7 8 9**	**Level 2 (fair)** **10 11 12 13 14**	**Level 3 (good)** **15 16 17 18 19**	**Level 4 (excellent)** **20 21 22 23 24 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			

PART C: DISPLAY
Maximum 20 Marks

1. Skill (Maximum 10 Marks)	**Max**	**Mark**
Necessary scientific skill shown.	3	
Exhibit well constructed.	3	
Material prepared independently.	2	
Judge's discretion.	2	
2. Dramatic Value (Max 10 Marks)		
Layout logical and self-explanatory.	3	
Exhibit attractive.	3	
Clear logical enthusiastic presentation.	3	
Judge's discretion.	1	
Total Display Mark	**20**	

Return this form to your Category Coordinator.

PART D: PROJECT SUMMARY
Maximum 10 Marks

1. Information	**Max**	**Mark**
Is all the required information provided?	3	
Is the information in the specified format?	1	
Is the information presented clearly with continuity?	2	
Does the summary accurately reflect the project?	2	
2. Presentation		
Neatness, grammar, spelling in the report.	2	
Total Project Summary Mark	**10**	

Total Marks		
Part A: Scientific Thought (from page 1).	45	
Part B: Original Creativity (from page 1).	25	
Part C: Display.	20	
Part D: Project Summary.	10	
Total Mark awarded to this exhibit.	**100**	

FEEDBACK FORM FOR THE STUDENTS

Please fill out this form and submit it with the Judges Marking Sheet. DO NOT give to the students. These comments will be returned to them tomorrow. It is important for judges to give as many comments as possible to give the students a better idea of the judges' opinions in order for them to improve upon their projects.

Project Number: _____

FEEDBACK FOR THE EXHIBITOR(S)
Strengths
Recommendations
Judge's Name (Please Print!) **Judge's Signature**