

**Western Manitoba Science Fair
JUDGE'S MARKING SHEET
Grade 1 - 2**

PART A: SCIENTIFIC THOUGHT - 45 %		Mark
Science	Technology	
Seeks answers to questions about the natural world. Applies inquiry strategies such as hypothesizing and experimenting. Proposes explanations for natural phenomena.	Seeks solutions to problems as humans interact with the natural environment. Applies problem solving strategies such as designing, building and testing. Proposes solutions to problems.	
Level 1 (low) Mark Range 5 to 15		
Gathering and display of basic information, simple demonstration of a basic scientific principle <u>or</u> duplication of a known experiment. Information is incomplete or disorganized.	Building models from kits to show existing technology. No effort to make improvements or design new applications.	
Level 2 (fair) Mark Range 15 to 25		
Good organization of gathered information <u>or</u> extension of a known experiment with some evidence of controlled variables and/or data analysis. Some original explanation and/or application of principles involved.	Build original models to demonstrate existing technology. Show possible applications of the technology for future human benefit.	
Level 3 (good) Mark Range 25 to 35		
Analysis of gathered information to show patterns or numerical data <u>or</u> devise and carry out an original experiment with controlled variables, analysis of data and reasoned conclusions.	Make improvements to, or demonstrate new applications for existing technology. Evidence of controlled testing during the design phase.	
Level 4 (excellent) Mark Range 35 to 45		
Devise and carry out an original experiment <u>or</u> analyse data from a number of sources. Variables identified and controlled. Synthesis and analysis of data in the form of graphs, charts or simple statistics. Definite hypotheses and possible applications of phenomena.	Design and build innovative technology or provide adaptations to existing technology that will have human benefit and/or economic applications.	

PART B: ORIGINAL CREATIVITY - 25%			
Rank 1 (low) Mark Range 5 to 10	Rank 2 (fair) Mark Range 10 to 15	Rank 3 (good) Mark Range 15 to 20	Rank 4 (excellent) Mark 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 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			

Project Number:		PART D: INTERVIEW AND NOTEBOOK		
		Maximum 10 Marks		
Project Name:	1. Information		Max	Mark
	Is all the required information provided?		2	
	Is information presented clearly with continuity?		2	
PART C: DISPLAY		Neatness, grammar, spelling in the report.		
Maximum 20 Marks				
1. Skill (Maximum 10 Marks)	Max	Mark		
Necessary scientific skill shown.	3		2. Interview	
Exhibit was well constructed.	3		Does the student appear to understand the material.	2
Material prepared independently.	2		Judge's discretion.	2
Judge's discretion.	2		Total Project Summary Mark	10
2. Dramatic Value (Max 10 Marks)		Total Marks		
Layout logical and self-explanatory.	3		Part A: Scientific Thought (from page 1).	45
Exhibit attractive.	3		Part B: Original Creativity (from page 1).	25
Clear logical enthusiastic presentation.	3		Part C: Display.	20
Judge's discretion.	1		Part D: Interview and Notebook.	10
Total Display Mark	20		Total Mark awarded to this exhibit.	100

FEEDBACK FOR THE EXHIBITOR(S)	
Strengths	_____

Recommendations	_____

Judge's Name (Please Print!)	Judge's Signature

Use this form to give a mark to each exhibit, and to assist you in ranking the exhibits assigned to you. This mark will not be used in subsequent rounds of judging. **Return this form to the Chair of your Judging Team by 11:59 a.m.**