

**Western Manitoba Science Fair
JUDGE'S MARKING SHEET
Grade 3 - 6**

PART A: SCIENTIFIC THOUGHT - 45 %		Mark
<p style="text-align: center;">Science</p> <p>Seeks answers to questions about the natural world. Applies inquiry strategies such as hypothesizing and experimenting. Proposes explanations for natural phenomena.</p>	<p style="text-align: center;">Technology</p> <p>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.</p>	
Level 1 (low) Mark Range 5 to 15		
<p>Gathering and display of basic information, simple demonstration of a basic scientific principle or duplication of a known experiment. The hypothesis is totally predictable.</p>	<p>Building models or devices to duplicate existing technology. Little or no effort to make improvements or design new applications.</p>	
Level 2 (fair) Mark Range 15 to 25		
<p>Extension of a known experiment or analysis of data from a number of sources. Some evidence of controlled variables and/or data analysis. Some original explanation and/or application of principles involved.</p>	<p>Make improvements to, or demonstrate new applications for existing technology. Evidence of controlled testing during the design phase.</p>	
Level 3 (good) Mark Range 25 to 35		
<p>Devise and carry out an original experiment or 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.</p>	<p>Design and build innovative technology or provide adaptations to existing technology that will have human benefit and/or economic applications.</p>	
Level 4 (excellent) Mark Range 35 to 45		
<p>Devise and carry out original experimental research or correlate information from a variety of significant sources. Significant variables are identified and controlled. Data shows significant analysis to show cause and effect. Some indication of future research or application of principles.</p>	<p>Integrate several technologies, or design an innovative technological system that will have human or commercial benefit.</p>	

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
<p>Little imagination shown. Project design is simple with minimal student input. A textbook or magazine type project.</p>	<p>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.</p>	<p>Imaginative project, Good use of available resources. Well thought out, above ordinary approach. Creativity in design and/or use of materials.</p>	<p>A highly original project or a novel approach. Shows resourcefulness, creativity in design. Use of equipment and/or construction of project.</p>
Mark			

Project Number:			PART D: INTERVIEW AND NOTEBOOK		
Project Title:			Maximum 10 Marks		
			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.	2	
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.**