

North Grenville Science Fair Experimental Project Rubric

PROJECT TITLE:		Names:		
	LEVEL 1 (1-, 1, 1+) <small>Low Level of Difficulty</small>	LEVEL 2 (2-, 2, 2+) <small>Medium Level of Difficulty</small>	LEVEL 3 (3-, 3, 3+) <small>High Level of Difficulty</small>	LEVEL 4 (4-, 4, 4+) <small>Outstanding Level of Difficulty</small>
Experiment	Duplicating a known experiment to confirm a hypothesis. The outcome is totally predictable.	Extend a known experiment by modification of procedures, data gathering, or application.	Devise and carry out an original experiment with controls. Variables are identified. Some significant variables are controlled. Data analysis includes graphs with simple statistics.	Devise and carry out original experimental research which attempts to control or investigate most significant variables. Data analysis includes statistical analysis.
Creativity	Methods are lacking or derived completely from another source. Poor use of equipment.	Generates simple procedures/ techniques, some of which may not be appropriate. Adequate use of equipment/information.	Generates valid procedures/ techniques. Proficient use of equipment/information.	Generates insightful procedures/ techniques. Resourceful use of equipment.
Comprehension	Weak understanding. Limited use of appropriate terminology.	General understanding. Uses some appropriate terminology.	Demonstrates sound understanding. Uses most appropriate terminology.	Thorough understanding. Consistently uses all appropriate terminology.
Oral Presentation	Difficulty explaining and discussing ideas, disorganized and unfocused; inappropriate volume, tone and pace.	Some understanding, but disjointed presentation ; may be poorly organized or incomplete. Volume, tone and pace are inconsistent.	Explains ideas in a logical, sequential way ; uses appropriate volume, tone and pace.	Explains ideas clearly, precisely and confidently ; uses tone, volume and pace effectively.
Exhibit Board	Some information displayed but without clear organization. Frequent errors, poor aesthetic value	Display of information may lack organization. Some errors, good aesthetic value.	Displays information in an organized way. Minor errors, great aesthetic value	Displays information in a skillfully organized way. Few, if any, errors, outstanding aesthetic value.

Comments:

Communication_____ **Written Mark** _____ **Media Literacy**_____ **Scientific Process**_____

