

Science Fair Evaluation Form

EXPERIMENT

An investigation undertaken to test a specific hypothesis using experiments. Experimental variables, if identified, are controlled to some extent.

Project Title: _____ # _____

Participants: _____

Category: _____ Level: _____ Grade _____

Judge: _____ Language: _____

PART A: SCIENTIFIC THOUGHT (Maximum 45 marks)	Total	PART B: ORIGINAL CREATIVITY	Total
Level 1 Duplicating of known experiment to confirm the hypothesis. Hypothesis is totally predictable. 5 marks mandatory + judges mark. (Maximum marks possible 15/45) 0 1 2 3 4 5 6 7 8 9 10		1. Topic originality 5 4 3 2 1 0 2. Originality in approach 5 4 3 2 1 0 3. Resourceful use of equipment and information service 5 4 3 2 1 0 4. Creativity in interpretation of data 5 4 3 2 1 0 5. Judge's discretion 5 4 3 2 1 0	
Sub total		Sub total Part B (max 25)	
Level 2 Extend a known experiment through modification of procedures, data gathering and application. 15 marks mandatory + judges mark. (Maximum marks possible 25/45) 0 1 2 3 4 5 6 7 8 9 10		PART C: SKILL 1. Necessary scientific skill shown 3 2 1 0 2. Exhibit well constructed 3 2 1 0 3. Material prepared independently 3 2 1 0 4. Judge's discretion 1 0	
Sub total		Sub total Part C (max 10)	
Level 3 Devise and carry out an original experiment with controls. Variables are identified. Some significant variables are controlled. Data analysis includes graphic presentation with simple statistics. 25 marks mandatory + judges mark. (Maximum marks possible 35/45) 0 1 2 3 4 5 6 7 8 9 10		PART D: DRAMATIC VALUE 1. Layout logical and self-explanatory 3 2 1 0 2. Exhibit attractive 3 2 1 0 3. Presentation by student clear, logical and enthusiastic 3 2 1 0 4. Judge's discretion 1 0	
Sub total		Sub total Part D (max 10)	
Level 4 Devise and carry out original experimental research which attempts to control or investigate most significant variables. Data analysis includes statistical analysis. 35 marks mandatory + judges mark. (Maximum marks possible 45/45) 0 1 2 3 4 5 6 7 8 9 10		PART E: PROJECT SUMMARY 1. Has all the required information been provided? 3 2 1 0 2. Is the information in the specified format? 1 0 3. Is the information presented clearly with continuity? 2 1 0 4. Does the summary accurately reflect the actual project? 2 1 0 5. Judge's discretion 2 1 0	
Sub total		Sub total Part E (max 10)	
Column Total (only one mark from either level 1, 2, 3, or 4)		Column Total (add Part B, C, D, & E subtotals) max score 55 marks	

Total Marks: _____