

# Science Fair Evaluation Sheet

Project #: \_\_\_\_\_

## STUDY

A collection and analysis of data to reveal evidence of a fact, situation or pattern of scientific interest. It could include a study of cause and effect relationships or theoretical investigations of scientific data. Variables, if identified, are by their nature not feasible to control, but an effort to make meaningful correlations is encouraged

Project Title: Renewable Energy

Participants: \_\_\_\_\_

Category \_\_\_\_\_ Level: \_\_\_\_\_ Grade: \_\_\_\_\_

Judge: \_\_\_\_\_

<b>PART A: SCIENTIFIC THOUGHT</b> (Maximum 45 marks)	Total	<b>PART B: ORIGINAL CREATIVITY</b>	Total
<b>Level 1</b> Study of existing printed material related to the basic issue.  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	
<b>Sub total</b>		<b>Sub total Part B (max 25)</b>	
<b>Level 2</b> Study of material collected through compilation of existing data and through personal observations. Display attempts to address a specific issue.  15 marks mandatory + judges mark. (Maximum marks possible 25/45) 0 1 2 3 4 5 6 7 8 9 10		<b>PART C: SKILL</b> 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 2 1 0	
<b>Sub total</b>		<b>Sub total Part C (max 10)</b>	
<b>Level 3</b> Study based on observations and literary research illustrating various options for dealing with a relevant issue. Appropriate arithmetic, graphical or statistical analysis in relation to some significant variable(s).  25 marks mandatory + judges mark. (Maximum marks possible 35/45) 0 1 2 3 4 5 6 7 8 9 10		<b>PART D: DRAMATIC VALUE</b> 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	
<b>Sub total</b>		<b>Sub total Part D (max 10)</b>	
<b>Level 4</b> Study correlating information from a variety of significant sources which may illustrate cause and effect or original solutions to current problems through synthesis. Significant variable(s) identified with in-depth statistical analysis of data.  35 marks mandatory + judges mark. (Maximum marks possible 45/45) 0 1 2 3 4 5 6 7 8 9 10		<b>PART E: PROJECT SUMMARY</b> 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	
<b>Sub total</b>		<b>Sub total Part E (max 10)</b>	
<b>Column Total</b> (only one mark from either level 1, 2, 3, or 4)		<b>Column Total</b> (add Part B, C, D, & E subtotals) max score 55 marks	

Total Marks: \_\_\_\_\_