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Windsor Regional Science, Technology and Engineering Fair

Study:
Judge's Mark

“STUDY” -A collection and analysis of data to reveal evidence of a fact or a situation of scientific interest. It could include a study of a cause and effect relationship involving ecological, social, political or economic considerations; in depth analyses; theoretical investigations. Variables, if identified, are by their nature not feasible to control.

Part A: Scientific Thought (Max 45 Marks)

Level 1 - Study of existing printed material related to the basic issue. (Max 15/45)

5 Marks mandatory + 1 2 3 4 5 6 7 8 9 10

Level 2 - Study of material collected through compilation of existing data and through personal observations. Display attempts to address a specific issue. (Max 25/40)

15 Marks mandatory + 1 2 3 4 5 6 7 8 9 10

Level 3 - Study based on observations and literary research dealing with a relevant issue. Contains graphical or statistical analysis in relation to some significant variable(s). (Max 35/45)

25 Marks mandatory + 1 2 3 4 5 6 7 8 9 10

Level 4 - Study correlating information from a variety of sources which illustrate cause and effect or original solutions to current problems. Significant variables identified with detailed statistical analysis. Max 45/45)

35 Marks mandatory + 1 2 3 4 5 6 7 8 9 10

Part B: Originality, Creativity (Max 25 Marks)

- | | | | | | |
|--|---|---|---|---|---|
| 1. Topic originality | 1 | 2 | 3 | 4 | 5 |
| 2. Originality in approach | 1 | 2 | 3 | 4 | 5 |
| 3. Resourceful use of equipment and information services | 1 | 2 | 3 | 4 | 5 |
| 4. Creativity in interpretation of data | 1 | 2 | 3 | 4 | 5 |
| 5. Judge's discretion | 1 | 2 | 3 | 4 | 5 |

Part C: Skill (Max 15 Marks)

- | | | | | |
|-------------------------------------|---|---|---|---|
| 1. Necessary scientific skill shown | 1 | 2 | 3 | 4 |
| 2. Exhibit well constructed | 1 | 2 | 3 | 4 |
| 3. Material prepared independently | 1 | 2 | 3 | |
| 4. Judge's discretion | 1 | 2 | 3 | 4 |

Part D: Dramatic Value (Max 15 Marks)

- | | | | | |
|--|---|---|---|---|
| 1. Layout logical and self-explanatory | 1 | 2 | 3 | 4 |
| 2. Exhibit attractive | 1 | 2 | 3 | 4 |
| 3. Presentation by student clear, logical and enthusiastic | 1 | 2 | 3 | 4 |
| 4. Judge's discretion | 1 | 2 | 3 | |

Summary of Marks: Part A (Max 45) _____
Part B (Max 25) _____
Part C (Max 15) _____
Part D (Max 15) _____

Total Marks _____

Judge's Name _____

Judge's Signature _____