

Western Nevada Regional Science & Engineering Fair

Project Title: _____ **Project #:** _____

Project Type (circle all that apply): Individual Team Class

Project Grade (circle one): K 1 2 3 4 5 6 7LS/7PS 8LS/8PS

Circle the appropriate rating for each of the following items (considering age level):

Excellent 5	Very good 4	Good 3	Partial 2	Attempted 1	Absent 0
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I. Communication of ideas

- | | | | | | | |
|--|---|---|---|---|---|---|
| a. Use of language (considering age level) | 5 | 4 | 3 | 2 | 1 | 0 |
| b. Overall understandability | 5 | 4 | 3 | 2 | 1 | 0 |
| c. Overall organization | 5 | 4 | 3 | 2 | 1 | 0 |

II. Scientific thinking and methodology

Question

- | | | | | | | |
|--|---|---|---|---|---|---|
| a. Clarity of the question | 5 | 4 | 3 | 2 | 1 | 0 |
| b. Creativity or originality of the question
(A good, but unoriginal, question is good=3) | 5 | 4 | 3 | 2 | 1 | 0 |

Hypothesis/Prediction

- | | | | | | | |
|--|---|---|---|---|---|---|
| c. Statement of expectation or <i>prediction</i>
(Did they explain <i>what</i> they think will happen?) | 5 | 4 | 3 | 2 | 1 | 0 |
| d. Statement of explanation or <i>hypothesis</i>
(Did they explain <i>why</i> they think it will happen?) | 5 | 4 | 3 | 2 | 1 | 0 |

Methods/Procedures

- | | | | | | | |
|--|---|---|---|---|---|---|
| e. Suitability of the approach taken to answer the question
(Are the methods or procedures appropriate?) | 5 | 4 | 3 | 2 | 1 | 0 |
| f. Creativity or originality of the methods
(Good, but unoriginal, methods are good=3) | 5 | 4 | 3 | 2 | 1 | 0 |
| g. Experimental design and robustness of data
(Did they replicate procedures/use controls/try to verify?) | 5 | 4 | 3 | 2 | 1 | 0 |
| h. Systematic and objective approach to data collection | 5 | 4 | 3 | 2 | 1 | 0 |

Results/Analysis

- | | | | | | | |
|---|---|---|---|---|---|---|
| i. Analysis of the data
(Did they make appropriate calculations and comparisons?) | 5 | 4 | 3 | 2 | 1 | 0 |
| j. Presentation of the results
(Are the results presented as graphs, %, averages, etc.?) | 5 | 4 | 3 | 2 | 1 | 0 |

Discussion/Conclusions

- | | | | | | | |
|--|---|---|---|---|---|---|
| k. Logical interpretation of the results
(Do the conclusions make sense based on the results?) | 5 | 4 | 3 | 2 | 1 | 0 |
| l. Critical interpretation of the results
(Did they relate the conclusions back to their hypothesis?) | 5 | 4 | 3 | 2 | 1 | 0 |
| m. Overall logic and critical thinking
(Did they consider alternate explanations/what to do different?) | 5 | 4 | 3 | 2 | 1 | 0 |

III. Notebook and Bibliography (required for all grades –student’s display may serve as notebook grades K-2)

- | | | | | | | |
|--|---|---|---|---|---|---|
| a. Clarity and thoroughness of the journal or notebook | 5 | 4 | 3 | 2 | 1 | 0 |
| b. Thoroughness of bibliography or references | 5 | 4 | 3 | 2 | 1 | 0 |

IV. Physical Display

- | | | | | | | |
|---|---|---|---|---|---|---|
| a. Neatness and completeness | 5 | 4 | 3 | 2 | 1 | 0 |
| b. Creativity and artistry of the display | 5 | 4 | 3 | 2 | 1 | 0 |

Judges Notes (especially strengths not quantified by the above rating):

Overall score: _____
(100 possible)