

Standards-Based Science Showcase Rubric

Grades 4-5

Student Name _____ Teacher _____ Grade _____

Instructions to Scorer: For each item circle 0, 1, or 2; do not leave any items unanswered

0=No 1= Some Evidence 2= Yes

1. Is a purpose identified?	0	1	2
2. Has an expected outcome been identified? (hypothesis, engineering goal)	0	1	2
3. Is there research to support the expected outcome?	0	1	2
4. Are the procedures described in sufficient detail to allow easy replication by another person?	0	1	2
5. Is there evidence that a well-planned investigation was conducted?	0	1	2
6. Was appropriate empirical data collected?	0	1	2
7. Are the data displayed in an easy-to-read graph and/or table?	0	1	2
8. Are the data analyzed to seek an answer to the question, evaluate the hypothesis, or meet the engineering goal? (It is acceptable for the student to determine the results are inconclusive.)	0	1	2
9. Is the project presented in a manner that makes the purpose, procedure, and results clear?	0	1	2
10. Was a log maintained that includes qualitative and/or quantitative observations?	0	1	2
TOTAL POINTS			

Circle the Score Below

0-9 Falls far below inquiry standards

10-14 Approaches inquiry standards

15-19 Meets inquiry standards (Honorable Mention)

20 Exceeds inquiry standards (Exemplary Inquiry)

Additional Teacher Comments: