



Cobb County School District
Elementary Science Fair Rubric

Total Score:

Project Title: _____ Project #: _____

Student Name: _____ Grade: _____

Remember: A good project should get all 3's (Evident and Complete). Use 4's sparingly and read qualifiers below.	No Evidence	Evident but Incomplete	Evident and Complete	Superior
1. Research Question: Presented a testable question that could be answered with an experiment. <i>- to get a "Superior" rating, the question must be outside the box, creative, not just your common question.</i>	1	2	3	4
2. Design & Methodology: Proposed a hypothesis that gives a testable answer to the question. <i>-to get a "Superior" rating, must include a scientific explanation for why they think the hypothesis will happen.</i>	1	2	3	4
3. Design & Methodology: Evidence of grade-level appropriate background research <i>-copying and pasting from a source should receive an "Evident but Incomplete" rating. -Students should cite the research and summarize in their own words to receive "Evident and Complete" and have more than three sources for a "Superior" rating). -simply listing 3 sources cited without summarizing the research should receive an "Evidence but Incomplete" rating</i>	1	2	3	4
4. Design & Methodology: Procedures are described in sufficient detail to allow replication by another person.	1	2	3	4
5. Execution: Data Collection Evidence of a thorough experiment (i.e. photos, diagrams, data tables) with proper controls (these are identified on the board). <i>-At least three trials must have been completed to receive a "Superior" rating.</i>	1	2	3	4
6. Execution: Data Analysis The data is displayed in an age-appropriate graph or table. <i>-to receive a "Superior" rating, graphs and tables must have:</i> <ul style="list-style-type: none"> • A title • Labeled axes/proper labels • units 	1	2	3	4
7. Execution: Data Interpretation The data presented is relevant to the testable question and was used to evaluate the hypothesis and answer the question.	1	2	3	4
8. Execution: Data Interpretation The student's conclusion was supported with experimental evidence. (No penalty for inconclusive evidence).	1	2	3	4
9. Creativity: Student demonstrates creativity in the question, approach, technique, and/or explanation.	1	2	3	4
10. Presentation/Interview: The project is presented in a manner that makes the purpose, procedure, and results clear.	1	2	3	4

TIE-BREAKERS

Student identified the IV and DV	No- 1	Yes- 2
Are problems with the experiment addressed in the conclusion OR suggestions for future experiments discussed?	No- 1	Yes - 2

