Total Score:

Cobb County School District

Elementary Science Fair Rubric

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.** *- to get a "Superior" rating, the question must be outside the box, creative, not just your common question.*	1	2	3	4
2. Design & Methodology: **Proposed a hypothesis that gives a testable answer to the question.** *-to get a "Superior" rating, must include a scientific explanation for why they think the hypothesis will happen.*	1	2	3	4
3. Design & Methodology: **Evidence of grade-level appropriate background research** *-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*	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).** *-At least three trials must have been completed to receive a "Superior" rating.*	1	2	3	4
6. Execution: Data Analysis **The data is displayed in an age-appropriate graph or table.** *-to receive a "Superior" rating, graphs and tables must have:* • *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