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/Hypothesis: **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/Research: **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 **summarized** sources for a "Superior" rating. -simply listing 3 sources cited without summarizing the research should receive an "Evident but Incomplete" rating.*	1	2	3	4
4. Design & Methodology/Procedures: **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 and 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. The student's conclusion was supported with experimental evidence. (No penalty for inconclusive evidence).**	1	2	3	4
8. Creativity: **Student demonstrates creativity in the question, approach, technique, and/or explanation.**	1	2	3	4
9. Presentation/Display: **The project is presented in a manner that makes the purpose, procedure, and results clear.**	1	2	3	4
10. Interview: **Clear, concise, thoughtful responses to questions. Understanding of basic science relevant to project.**	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