

CHECKLIST FOR STUDENTS

FORM 2 – REQUIRED for all projects

To be completed by the Parent and/or Adult Sponsor in collaboration with the student researcher(s):

1. Student/Team Leader Name: Grade:

Student (Parent/Guardian) Email: Phone:

2. Team Member Name (s): (if applicable)

3. School Name: School County:

School Address: School Phone:

School Administrator Name: School Administrator Email:

4. Adult Sponsor Name: Adult Sponsor Email/Phone:

5. Project Title:

6. I agree to follow the Georgia College K-5 State Science Fair Rules and Guidelines.

7. This year's laboratory experiment/data collection:

Actual Start Date: (mm/dd/yy) End Date: (mm/dd/yy)

8. Where will you conduct your experimentation? (check all that apply)

Research Institution School Field Home Other

9. **Working with the Parent and Adult Sponsor, the student should complete a Research Plan/Project Summary BEFORE experimentation.** *The purpose of a research plan is to serve as a proposal of what to expect and what needs to be done.* The Research Plan/Project Summary should include the following and be appropriate for grade level:

- a. **RATIONALE:** Include a brief synopsis of the background that supports your research problem and explain why this research is important and if applicable, explain any societal impact of your research.
- b. **RESEARCH QUESTION(S), HYPOTHESIS(ES), ENGINEERING GOAL(S), EXPECTED OUTCOMES:** How is this based on the rationale described above?
- c. Describe the following:
 - i. **Procedures:** Detail all procedures and experimental design including methods for data collection. Describe only your project. Do not include work done by mentor or others.
 - ii. **Risk and Safety: Identify any potential risks and safety precautions needed.**
 - iii. **Data Analysis: Describe the procedures you will use to analyze the data/results.**
- d. **BIBLIOGRAPHY:** List major references (e.g. science journal articles, books, internet sites) from your literature review. If you plan to use vertebrate animals, one of these references must be an animal care reference.

For Office Use Only:

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10. An abstract is required for all projects AFTER experimentation.

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