

K – 2nd Grade Rubric for Judges

Science Research Project (Was this a fair test of their problem)

Each of the five categories should be judged as a unit. Incorrect science information takes it to a 1.

NOTE: If they meet all of the criteria for an area, the score is “Correct and Complete” (Possible Blue Ribbon). **Scores in “Above and Beyond Mastery” would indicate an exceptional project that may be worthy of a special award.**

These scores are only a guide, not a requirement, when awarding ribbons.



1. Science Process Skills and Nature of Technology

- Title and/or Question are valid for the project.
- Hypothesis or problem is clearly and logically stated.
- Used science tools, such as rulers and magnifiers, to investigate their problem.

Incorrect	Correct but Incomplete	Correct and Complete (Mastery)	Above and Beyond Mastery

2. Problem Solving

- Identified a problem or concept and tried to explain it scientifically. (scientific method)
- Procedure describes the actions taken step-by-step.
- (*Ex) Only one variable (change) was allowed and had repeated trials.

Incorrect	Correct but Incomplete	Correct and Complete (Mastery)	Above and Beyond Mastery

3. Mathematical Processes (*Experiments only)

- (*Ex) Results are measurements of the changes, not opinions.
- (*Ex) Results are easily read and well organized. (Graph or data table)
- (*Ex) Conclusion is backed by the data.

Incorrect	Correct but Incomplete	Correct and Complete (Mastery)	Above and Beyond Mastery

4. Communication Skills

- Student explains project in depth (the parts, how it works), demonstrates understanding.
- The student’s answers to questions shows understanding of the project.
- No major mechanical errors in written section. (spelling, punctuation, grammar errors)

Incorrect	Correct but Incomplete	Correct and Complete (Mastery)	Above and Beyond Mastery

5. Student Work

- The student is excited about the project and eager to tell about their scientific work.
- The exhibit is neatly organized, labeled, attractive, and explains the project.
- Skill level is appropriate for this student. (Any outside help for this student is appropriate based on grade and student’s ability.)

Incorrect	Correct but Incomplete	Correct and Complete (Mastery)	Above and Beyond Mastery