

SCIENCE FAIR PROJECT DISPLAY RUBRIC AND CRITERIA FOR JUDGING

Rating system: 1 = *Not Evident* 2 = *Minimal* 3 = *Yes, but not fully* 4 = *Yes, completely*

1. Creative Ability: Project shows creative ability and originality in one or more area:

- question asked
- approach to solving the problem
- analysis of the data
- interpretation of the data
- use of the equipment
- construction or design of new equipment

2. Scientific Thought: Does project follow the scientific method?

- Problem stated clearly
- Problem sufficiently limited so that it was possible to solve it
- Testable hypothesis
- Procedural plan for obtaining a solution to the problem
- Complete materials list
- Variables clearly and accurately identified with recognition of controls
- Control group and experimental group evident if necessary
- Adequate data collected
- Data explained in results
- Appropriate conclusions
- Sources cited / acknowledgements listed

3. Thoroughness

- Exhibit tells a complete and concise story
- Project represent real study and effort
- Exhibit explains what the student learned
- Shows attention to spelling, grammar, and mechanics

4. Skill

- Minimal assistance appears to have been received from parents, teachers, etc
- Majority of the work appears to done by the student
- Student acknowledges help received from others

5. Clarity

- Clearly communicates the problem, how the problem was solved, and the conclusion
- Problem, procedures, data, results and conclusions presented clearly and in a logical order
- Objective is clear and makes sense to one not trained in the subject area
- Clearly and accurately articulates in writing what was accomplished

6. Dramatic Value

- Labels are large, neat, and easy to read
- All written/printed work is neat, clear, easy to see and read, and makes sense
- Display is visually appealing
- Proper emphasis is given to important ideas
- All components of the project are done well