

If your student would like to have their science fair project judged, this is the sheet the judges go by:

STUDENT'S

NAME _____ **GRADE** _____

DISPLAY (100 points possible)

Creativity (30 points possible) _____

- Are the materials presented imaginatively?
- Is there a distinctive approach to problem solving?
- Is the project or exhibit original or out of the ordinary?
- Is the display designed in an unusual way?
- Is there a variety of equipment or items?

Scientific Thought (30 points possible) _____

- Is the project or exhibit designed to answer a question?
- Are the procedures appropriate to the area of investigation?
- Is the topic or problem stated clearly and completely?
- Has scientific literature been cited?
- Have scientists or other experts been consulted?
- Is there a need for further research or investigation?
- Is there an adequate conclusion?
- Is a project notebook provided with the display?
- Have any problems or limitations that occurred been noted?
- Is the amount of data commensurate with the scope of the project?

Thoroughness (15 points possible) _____

- Is the project complete?
- Does the project represent a sufficient amount of time?
- Is a problem adequately answered or pursued?
- Are the notes complete?
- Are other potential solutions or approaches indicated?
- Does the project include a display unit, three-dimensional items, and a written report?
- Does the project tell a complete story?
- Were all potential sources of information consulted?
- Are a sufficient number of items included in the display?
- Is the conclusion supported by results from an experiment?

Skill (15 points possible) _____

- Does the project represent the student's own work?
- Does the project represent quality workmanship?
- How much outside assistance did the student need?
- Is the project artistically pleasing?
- Is there anything dangerous about the display?
- Did the display take a lot of time to set up?
- Does the project indicate extensive planning?
- Is all equipment used within the student's level of understanding or expertise?
- How much supervision did the student require?

Clarity (10 points possible) _____

- Are titles and written descriptions neat, legible, and large enough to be read?
- Are the data clearly presented?
- Is the written material well prepared?

- Is the project self-explanatory?
- Are drawings and diagrams neat and attractive?
- Is the presentation logical and sequential?
- Is every piece of material important to the display?
- Is the display colorful and attractive?

Total for DISPLAY (100 Points Possible) _____

WRITTEN REPORT (100 points possible)

Title Page (2 points possible) _____

- Is it present?
- Are the title of the project and the student's name included?

Table of Contents (5 points possible) _____

- Are the parts listed? Are the sections listed in order?
- Are page numbers listed and correct?

Statement of Purpose (15 points possible) _____

- Does it pose a question that can be investigated and/or measured?
- Does it pertain to the project or exhibit conducted?
- Is it logical and defensible? Is it clear and understandable?
- Is it within the student's level of ability?

Hypotheses (For experiments only – no points)

- Does it answer the purpose?
- Does it tell what the student is trying to prove with the project?
- Is it clear? Is it scientifically sound?

Research (20 points possible) _____

- Does the research pertain to the topic?
- Is it complete and thorough?
- Does it present a diversity of sources?
- Is it representative of the student's ability?
- Have both print and non-print sources been consulted?

Materials (10 points) _____

- Are all materials listed?
- Are specific amounts given?

Procedures (10 points possible) _____

- Are procedures listed in chronological order? Are they in a logical order?
- Are the procedures easy to follow? Could the project / experiment be replicated?

Observations (15 points possible) _____

- Do observations indicate what was done in the project?
- Did the student choose the best form for recording the observations?
- Are observations clearly labeled?
- Are they sequential?

Conclusion (15 points possible) _____

- Does it answer the purpose?

If an experiment, does it adequately explain any results?
Does it tie the entire paper together?
Is it sufficient in form and length?

Bibliography (8 points possible)

Is it in alphabetical order?
Is it sufficient in terms of the scope of the project?
Have primary scientific sources been consulted?
Is range and scope of bibliography reflected in the report itself?

Total for WRITTEN REPORT (100 Points Possible)

Total for DISPLAY (From front sheet, 100 Points Possible)

Total for WRITTEN REPORT and DISPLAY Combined (200 Points Possible)
