Science/Technology Judging Sheet

Suggested Questions:

- What is your project about?
- How did you get your idea?
- What have you learned?
- What was your biggest problem while working on the project?
- Did you have to make any changes in your project?
- How did you go about making your project?

	10 9 8	7 6 5 4	3 2 1
How effectively does the student evaluate the results of the activity or experiment?	The student gives a thorough and accurate explanation of the outcome of the project, discussing relevant facts, concepts or scientific principles.	The student gives a complete and accurate explanation of the outcome of the project, discussing some relevant concept or scientific principle.	The student provides a general explanation of the project, but omits important aspects; may not effectively relate outcome to scientific principles.

	10 9 8	7 6 5 4	3 2 1
Does the student understand the scientific concepts and/or principles?	The student provides insights into the nature of the phenomenon studied or the scientific principles used to explain it.	The student shows knowledge of the concept or scientific principle relevant to the activity or experiment.	The student states the scientific concept or principle used to generate the experiment.

	10 9 8	7 6 5 4	3 2 1
Is the student able to explain the process?	The student analyzes the process and discusses why and how decisions were made; clearly explains results using specific information.	The student clearly explains what was done and how it was done.	The student just provides answers to questions about the project.

	10 9 8	7 6 5 4	3 2 1
Does the project show original thinking?	The student created an original project, involving application of scientific principles.	The student created an original project which demonstrated a fairly obvious application of scientific principles.	The student followed a given, pre-planned design.

	10 9 8	7 6 5 4	3 2 1
Is the project well thought-out, carefully constructed and attractively presented?	The presentation is well-organized, using accurate scientific terminology and appropriate visuals.	The presentation is organized, using accurate terminology and visuals.	The presentation shows effort.

TOTAL SCORE _____/ 50

_____ **OVERSIZED PROJECT (overall dimensions greater than 27" x 27" x 48")**

Exhibition Rules

Rule 1 One entry form must be filled out online for each project. Online Registration is required, S/I/T will not accept paper applications.

Rule 2 Students may submit projects individually or with one partner. No student may submit more than one project.

Rule 3 Students are responsible for all aspects of the development of their entries.

Rule 4 Students must bring their own project, set it up, remain with it throughout the judging and remove it at the end of the day.

Rule 5 Students must be prepared to answer judges questions about the content and development of their projects. Students are not allowed to give a formal narrative in response to the questions.

Rule 6 Students must supply all equipment, including extension cords. Outlets will be provided ONLY if requested on the entry form.

Rule 7 A label must be attached to the bottom or back of each project with the student's name, telephone number, and school name.

Rule 8 Commercially prepared kits or models cannot constitute a major portion of the project.

Rule 9 Students are solely responsible for the security and safety of their equipment.

Rule 10 Table exhibits only. Overall project size must be no more than 27 inches wide, 27 inches deep and 4 feet high. The entire project, including charts, labels, etc. must fit in this space. There will be a 20 POINT DEDUCTION for any project which exceeds these dimensions.

Rule 11 Some display tables are against a wall, but most are not. Therefore, students who are assigned to tables against a wall may not use the wall for display purposes.

Rule 12 Animals that can bite will not be allowed. All live animal exhibits require prior written approval from the S/I/T Committee.

Rule 13 No hazardous, toxic or flammable materials are to be used. No candles, bunsen burners or electrical heating devices (i.e., hot plates) are allowed.

Rule 14 Standard laboratory safety rules must be observed.

Rule 15 Students doing projects that involve data gathered from human medical subjects must have a mentor. If the project involves the assessment of, or a comparison among, medical treatments, that mentor should be a physician. The mentor's name should be clearly displayed on the project with a note certifying that s/he had reviewed ethical issues involved in the project with the student, and that s/he stands behind the accuracy of the information presented. The name and credentials of the mentor must be submitted with the application form.

Rule 16 If partners are in different grade levels, the project will be judged in the grade category of the highest grade level. For example, if Student #1 is in grade 5, and Student #2 is in grade 6, the project will be judged in the 6th grade category.

Rule 17 Registration is not compete until every section of the application form has been filled in and the registration fee is received.