

# INDIVIDUAL

## FINAL SCORE SHEET

<Division>

<Category>

Project Number: \_\_\_\_\_

**I. Creative Ability (30 points)** \_\_\_\_\_

- a. Project idea original?
- b. Original approach by individual student used to solve the problem?
- c. Creative and original analysis and interpretation of data?
- d. Original use and/or construction/design of new equipment?

**II. Scientific Thought/\*Engineering Goals (30 points)** \_\_\_\_\_

- a. Clearly stated and appropriate choice of problem?  
\*Objective clear? relevant for potential needs?
- b. Appropriate plan for obtaining solution with adequate data support conclusions?  
\*Solution relevant? workable? acceptable to potential user? economically feasible? Solution tested for performance under conditions of use?
- c. Clearly defined variables?
- d. Future research relevance with scientific literature cited?  
\*Solution useful in design or construction of product?  
Solution a significant improvement over previous alternatives?

**III. Thoroughness (15 points)** \_\_\_\_\_

- a. Purpose carried out to completion? Problem covered completely?
- b. Adequate data or testing? Conclusions based on replication?
- c. Project notes complete?
- d. Appropriate amount of time spent on project?
- e. Scientific literature, other approaches and/or theories noted?

**IV. Skill (15 points)** \_\_\_\_\_

- a. Degree of difficulty of project?
- b. Data supported by lab, computation, observational and design skills?
- c. Assistance given by parents, teachers, scientists or engineers? Project done under adult supervision or alone?
- d. Equipment built by student? loaned? part of a lab?

**V. Clarity of Communication (10 points)** \_\_\_\_\_

- a. Exhibit display neat with project phases clearly presented in an orderly manner?
- b. Written report and oral responses reflect the student's understanding of the research?
- c. Project's purpose, procedure, data, and conclusions clearly discussed and explained?

**TOTAL** \_\_\_\_\_

Judges Initials \_\_\_\_\_

Judges Comments: (use back, if needed)