

Twin Cities Regional Science Fair

Judges' Scoring Sheet For Project Presentation - Individual

This sheet is judges' use only. It will not be returned to the students.

Judge Number:

Judge Name:

Project Number:

Student(s):

Title:

Category:

| | Max Score | Actual Score |
|--|-----------------------------|---------------------|
| Creative Ability: <ul style="list-style-type: none"> • The research is student-initiated and original (0-6) • The approach to solving the problem is creative (0-6) • Equipment is creatively used or had to be made/modified (0-6) • Interpretation of the data shows creative and original thinking by student (0-6) • Student has understanding of project implications beyond their research (0-6) | (30) | |
| Scientific Thought OR Engineering Goals: Scientific Thought: <ul style="list-style-type: none"> • Clear and unambiguous understanding of problem (0-5) • Clearly defined procedural plan for obtaining a solution (0-5) • Variables clearly recognized and defined; proper controls used correctly (0-5) • Data adequately supports student's conclusions; limitations recognized (0-5) • Student understands project's ties to other research (0-5) • Scientific literature cited, not just popular literature (i.e. newspapers, web) (0-5) Engineering Goals: <ul style="list-style-type: none"> • Project has a clear objective (0-5) • Objective is relevant to the potential user's needs (0-5) • Solution is workable and economically feasible (0-5) • Solution could be used in the design or construction of an end product (0-5) • Solution is a significant improvement over current alternatives (0-5) • Solution has been performance tested under conditions of use (0-5) | (30) OR (30) | |
| Thoroughness: <ul style="list-style-type: none"> • Original research question was completely addressed (0-3) • Conclusions are based on repeated observations (not single experiments) (0-3) • Project notes / lab notebook are complete (0-3) • Student is aware of alternate approaches or theories (0-3) • Student spent an appropriate amount of time on the project (0-3) | (15) | |
| Skill: <ul style="list-style-type: none"> • Data was obtained & analyzed appropriately by student (0-5) • Student worked largely independently (0-5) • Student has required skills & understanding to continue research on own (0-5) | (15) | |
| Clarity: <ul style="list-style-type: none"> • Clear discussion of project (not a memorized speech) (0-2) • Written material/poster reflects understanding of research project (0-2) • Data and results are presented clearly (0-2) • Presentation is forthright (0-2) • Student designed and created poster largely independently (0-2) | (10) | |
| Total | (100) | |