Judging criteria & scoring sheet

TEXAS A&M UNIVERSITY-CORPUS CHRISTI
COASTAL BEND REGIONAL
SCIENCE FAIR

Judge	Exhibit ID
Title	Project ID

Creative ability *(30%)*

1. Does the project show creative ability and originality in:

   a. The question(s) asked?
   b. The problem-solving approach?
   c. Data analysis/interpretation?
   d. Equipment used?
   f. Design and/or construction of new equipment?

2. Creative research should support an investigation and help answer a question in an original way.
3. Construction of equipment which involves the assembly of a kit cannot be considered to be creative unless some unusual approach or design was used.

SCORE (1–30)

Scientific Thought *(30%)*

1. Is the problem stated clearly and unambiguously?
2. Are clear objectives stated?
3. Was there a procedural plan for obtaining a solution?
4. Are all variables clearly recognized and defined?
5. If controls were necessary, did the student recognize their need and use them correctly?
6. Are there adequate data to support stated conclusions?
7. Are limitations recognized?
8. Is related research cited and understood?
9. Is further research warranted?
10. Does the solution present a significant improvement over previous alternatives?
11. Is the solution workable and/or economically feasible?
12. Was the solution tested under proposed conditions of use? (This may be difficult, but should be considered.)

SCORE (1–30)

Total score

SCORING SCALE: POOR   FAIR   GOOD   EXCELLENT   SUPERIOR
0 ⟵————————————⟶ max

Thoroughness *(15%)*

1. Was the scope of the original intent met?
2. Are conclusions based on a single experiment or on replication?
3. Are project notes complete (grades 6-12)?
4. Is there a familiarity with and understanding of the scientific literature in the field?
5. Is there an awareness of other approaches?
6. How much time was spent on the project?

SCORE (1–15)

Technical Skills *(15%)*

1. Does the student/team have the required skills (laboratory, computational, and/or design skills) to complete all of the work presented?
2. Where was the project completed? (Home, school, university, research facility)
3. What assistance was given and by whom?

SCORE (1–15)

Neatness & Display *(10%)*

1. Are data clearly presented? Results? Presentations?
2. Are important project phases presented in an orderly manner?

SCORE (1–10)

Student Interview Notes