Indian River Regional Science and Engineering Fair

Elementary Division

**Science Projects**

Preliminary Judge Ranking Form

**Research Question** 10 Points

Clear and focused purpose

Hypothesis is testable

Identifies contribution to field of study

Score

**Design and Methodology** 15 Points

Well designed plan and data collection methods

Variables (including independent and dependent) and controls are defined, appropriate and complete

Score

**Execution, Data Collection, Analysis** 20 Points

Systematic data collection and analysis

Reproducibility of results

Appropriate application of math and statistical methods

Sufficient data collected to support analysis and conclusion (minimum 3-5 replicates)

Score

**Creativity** 10 Points

Project demonstrates creativity in one or more of the above criteria

Score

**Judges Comments:**

**I really liked:**

**Suggested Improvements:**

**Additional Comments:**

**Display Board** 10 Points

Logical organization of material

Clarity of graphics and legends

Supporting documentation displayed with abstract

Score

**Logbook and/or Evidence of Research** 15 Points

Data collected reflects accurate information

Data and research are sufficient to be able to arrive at a reasonable conclusion

Score

**Interview** 20 Points

Clear, concise, thoughtful responses to questions

Understanding of basic science related to project

Quality of ideas for future research

Degree of independence in conducting project

Interprets the results and conclusions with clarity

Recognition of potential impact in science/society

Score

**Totals Grand Total**

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