

Judge #

Poster ID #

## 2025 RCSEF Science Project Judging Rubric

The following is a set of criteria to assist you in interviewing and in evaluating the student's projects.

GUIDELINES	NOTES
<b>I. Research Question (10 pts)</b> <input type="checkbox"/> clear and focused purpose <input type="checkbox"/> identifies contribution to field of study <input type="checkbox"/> testable using scientific methods	
<b>II. Design and Methodology (15 pts)</b> <input type="checkbox"/> well designed plan and data collection methods <input type="checkbox"/> variables and controls defined, appropriate and complete	
<b>III. Execution: Data Collection, Analysis and Interpretation (20 pts)</b> <input type="checkbox"/> systematic data collection and analysis <input type="checkbox"/> reproducibility of results <input type="checkbox"/> appropriate application of mathematical and statistical methods <input type="checkbox"/> sufficient data collected to support interpretation and conclusions	
<b>IV. Creativity (20 pts)</b> <input type="checkbox"/> project demonstrates significant creativity in one or more of the above criteria	
<b>V. Presentation (35 pts)</b> a. Poster (10 pts) <input type="checkbox"/> logical organization of material <input type="checkbox"/> clarity of graphics and legends <input type="checkbox"/> supporting documentation displayed  b. Interview (25 pts) <input type="checkbox"/> clear, concise, thoughtful responses to questions <input type="checkbox"/> understanding of basic science relevant to project <input type="checkbox"/> understanding interpretation and limitations of results and conclusions <input type="checkbox"/> degree of independence in conducting project <input type="checkbox"/> recognition of potential impact in science, society and/or economics <input type="checkbox"/> quality of ideas for further research <input type="checkbox"/> for team projects, contributions to and understanding of project by all members	