

JUNIOR DIVISION - SCIENCE

Hoosier Science and Engineering Fair

JUDGES WORKSHEET

PROJECT # _____

USE THIS SIDE FOR SCIENCE PROJECTS

The scales given for each section are a suggestion, but you may use your own ranking system out of 100 points.

I. Research Question (10 pts)

	5	4	3	2	1	
						clear and focused purpose that is testable using scientific methods
						identifies contribution to field of study

II. Design and Methodology (15 pts)

	5	4	3	2	1	
						well designed plan and data collection methods
						variables and controls defined, appropriate and complete
						familiarity with scientific literature in the studied field, and awareness of other approaches or theories

III. Execution: Data Collection, Analysis and Interpretation (20 pts)

	5	4	3	2	1	
						systematic data collection and analysis
						reproducibility of results
						appropriate application of mathematical and statistical methods
						sufficient data collected to support interpretation and conclusions

IV. Creativity (20 pts)

	Please rank on a 1-20 scale		project demonstrates significant creativity in: subject studied and/or methodology
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V. Presentation (35 pts)

a. Poster (10 pts)

	5	4	3	2	1	
						logical organization of material
						clarity of graphics and legends; supporting documentation displayed

b. Interview (25 pts)

	5	4	3	2	1	<i>For team projects include in your scoring the participation or lack of participation of all team members in the interview.</i>
						clear, concise, thoughtful responses to questions
						understanding of basic science relevant to project
						understanding interpretation and limitations of results and conclusions
						recognition of potential impact in science, society and/or economics
						quality of ideas for further research

	Total Score
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NOTES

Once you have arrived at a total score, please complete the score scan card for this project. Bubble in the score and write the score and the project number at the bottom of the scan card (three digit code) on the score card.

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