Elementary Interview Scorecard

This interview score is a separate score from the elementary scorecard. They are not combined at the end.

Science Fair Project Judging Scorecard, Elementary **Interview**	
Project Category (grade level):	Date:
Project Title:	Project #
Judge Signature:	
Interview Criteria	
Research Problem (0-3 points)	**Points Awarded**
☐Does the student make eye contact? *(1 pt)*	
☐Does the student speak clearly? *(1 pt)*	
☐Is the student polite/ well-mannered/ appearance is professional? *(1 pt)*	
Knowledge of Process (0-3 points)	**Points Awarded**
☐Can the student clearly and effectively describe how they used the scientific method? *(1 pt)*	
☐Can they describe the different sections of their poster/project? *(1 pt)*	
☐Can they describe how they measured and tested their question? *(1 pt)*	
Understanding (0-6 points)	**Points Awarded**
☐Did the student explain why they chose this project? *(1 pt)*	
☐Can the student clearly describe their results/data? Did they use charts and graphs to illustrate? *(1 pt)*	
☐Can the student define any vocabulary they used specific to their project? *(1 pt)*	
☐Can they describe what kind of background research they did to learn about their topic? *(1 pt)*	
☐Can the student describe the variables involved in their project? *(1 pt)*	
☐Did they run multiple trials? *(1 pt)*	
Group Projects (Deduct 1-2 points if requirements aren't met but no extra points awarded if they are met)	**Points Subtracted**
☐Did all students on the team all contribute to the project? *(1 pt)*	
☐Did they all have designated areas to work on? *(1 pt)*	
Final score	**/12**
Judge Initials (please print):	

MS & HS Interview Scorecard

This interview score is a part of the final score. It is put in its section of the board scorecard.

Science Fair Project Judging Scorecard, MS & HS **Interview**	
Project Category (grade level):	Date:
Project Title:	Project #
Judge Signature:	
Interview Criteria	
Research Problem (0-8 points)	**Points Awarded**
☐Does the student make eye contact? *(2 pt)*	
☐Does the student speak clearly? *(2 pt)*	
☐Is the student polite and well mannered? *(2 pt)*	
☐Is the student's appearance professional? *(2 pt)*	
Knowledge of Process (0-9 points)	**Points Awarded**
☐Can the student clearly and effectively describe how they used the scientific method? *(3 pt)*	
☐Can they describe the different sections of their poster/project? *(3 pt)*	
☐Can they describe how they measured and tested their question? *(3 pt)*	
Understanding (0-18 points)	**Points Awarded**
☐Did the student explain why they chose this project? *(3 pt)*	
☐Can the student clearly describe their results/data? Did they use charts and graphs to illustrate? *(3 pt)*	
☐Can the student define any vocabulary they used specific to their project? *(3 pt)*	
☐Can they describe what kind of background research they did to learn about their topic? *(3 pt)*	
☐Can the student describe the variables involved in their project? *(3 pt)*	
☐Did they run multiple trials? *(3 pt)*	
Group Projects (Deduct 2-4 points if requirements aren't met but no extra points awarded if they are met)	**Points Subtracted**
☐Did all students on the team all contribute to the project? *(2 pt)*	
☐Did they all have designated areas to work on? *(2 pt)*	
Final score	**/35**
Judge Initials (please print):	

Elementary Board Scorecard

Science Fair Project Judging Scorecard, K-5 **Poster Presentation**	
Project Category (grade level):	Date:
Project Title:	Project #
Judge's Signature:	

Poster Presentation	
Question & Research (12 points possible)	**Points Awarded**
☐ Clear and focused purpose/objective *(3 pt)*	
☐ Identifies contribution to the field of study *(3 pt)*	
☐ Question is testable using scientific methods *(3 pt)*	
☐ Hypothesis is relevant & backed up substantial reasoning *(3 pt)*	
Execution: Design, Methodology, & Data Collection (30 points possible)	**Points Awarded**
☐ Well-designed plan and methodical data collection methods *(6 pt)*	
☐ Variables and controls are defined, appropriate, and complete *(6 pt)*	
☐ Evidence of scientific process *(6 pt)*	
☐ Reproducibility of results *(6 pt)*	
☐ Sufficient data collected to support interpretation and conclusions *(6 pt)*	
Analysis: Interpretation & Conclusion (30 points possible)	**Points Awarded**
☐ Systematic analysis of data *(6 pt)*	
☐ Appropriate application of mathematical methods for comparison *(6 pt)*	
☐ Understanding limitation of results and conclusions *(6 pt)*	
☐ Recognition of potential impact in science, society, and planet/world *(6 pt)*	
☐ Thought through implications, applications, & ideas for further research *(6 pt)*	
Creativity (20 points possible)	**Points Awarded**
A creative project demonstrates imagination and inventiveness. Such projects… **-are about something that the student personally cares about** **-have not been done hundreds of times before not frequently listed in Science Fair idea books or web)** **-offer different perspectives that open up new possibilities or new alternatives.** ☐ Does the project demonstrate significant creativity in one or more of the above criteria? *(20 pt)*	
Board Presentation & Display (8 points possible)	**Points Awarded**
☐ Shows understanding of basic science relevant to project *(2 pt)*	
☐ Colorful, creative, and logical organization of display (model pieces) *(2 pt)*	
☐ Clarity of graphs, legends, & graphics *(2 pt)*	
☐ Supporting documentation displayed (lab journal & bibliography) *(2 pt)*	
Extra Inclusions (6 points possible)	**Points Awarded**
☐ Is there a short summary of the project (abstract)? *(2 pt)*	
☐ Do they include a Null Hypothesis? *(2 pt)*	
☐ Did they discuss future research or practical application? *(2 pt)*	
Final score	**/100**
Judge Initials (please print):	

Middle School Board Scorecard

Science Fair Project Judging Scorecard, MS **Poster Presentation**	
Project Category (grade level):	Date:
Project Title:	Project #
Judge's Signature:	

Poster Presentation	
Question & Research (12 points possible)	**Points Awarded**
☐ Clear and focused purpose/objective *(3 pt)*	
☐ Identifies contribution to the field of study *(3 pt)*	
☐ Question is testable using scientific methods *(3 pt)*	
☐ Hypothesis is relevant & backed up substantial reasoning *(3 pt)*	
Execution: Design, Methodology, & Data Collection (15 points possible)	**Points Awarded**
☐ Well-designed plan and methodical data collection methods *(3 pt)*	
☐ Variables and controls are defined, appropriate, and complete *(3 pt)*	
☐ Evidence of scientific process *(3 pt)*	
☐ Reproducibility of results *(3 pt)*	
☐ Sufficient data collected to support interpretation and conclusions *(3 pt)*	
Analysis: Interpretation & Conclusion (15 points possible)	**Points Awarded**
☐ Systematic analysis of data *(3 pt)*	
☐ Appropriate application of mathematical methods for comparison *(3 pt)*	
☐ Understanding limitation of results and conclusions *(3 pt)*	
☐ Recognition of potential impact in science, society, and planet/world *(3 pt)*	
☐ Thought through implications, applications, & ideas for further research *(3 pt)*	
Creativity (15 points possible)	**Points Awarded**
A creative project demonstrates imagination and inventiveness. Such projects offer different perspectives that open up new possibilities or new alternatives. Judges should place emphasis on research outcomes in evaluating creativity. ☐ Does the project demonstrate significant creativity in one or more of the above criteria? *(15 pt)*	
Board Presentation & Display (8 points possible)	**Points Awarded**
☐ Shows understanding of basic science relevant to project *(2 pt)*	
☐ Colorful, creative, and logical organization of display (model pieces) *(2 pt)*	
☐ Clarity of graphs, legends, & graphics *(2 pt)*	
☐ Supporting documentation displayed (lab journal & bibliography) *(2 pt)*	
Interview (35 points possible)	**Points Awarded**
☐ These points are added from the interview earlier in the day	
Final score	**/100**
Judge Initials (please print):	

High School Board Scorecard

Science Fair Project Judging Scorecard, HS **Poster Presentation**	
Project Category (grade level):	Date:
Project Title:	Project #
Judge's Signature:	

Poster Presentation	
Question & Research (12 points possible)	**Points Awarded**
☐ Clear and focused purpose/objective *(3 pt)*	
☐ Identifies contribution to the field of study *(3 pt)*	
☐ Question is testable using scientific methods *(3 pt)*	
☐ Hypothesis is relevant & backed up substantial reasoning *(3 pt)*	
Execution: Design, Methodology, & Data Collection (15 points possible)	**Points Awarded**
☐ Well-designed plan and methodical data collection methods *(3 pt)*	
☐ Variables and controls are defined, appropriate, and complete *(3 pt)*	
☐ Evidence of scientific process *(3 pt)*	
☐ Reproducibility of results *(3 pt)*	
☐ Sufficient data collected to support interpretation and conclusions *(3 pt)*	
Analysis: Interpretation & Conclusion (15 points possible)	**Points Awarded**
☐ Systematic analysis of data *(3 pt)*	
☐ Appropriate application of mathematical methods for comparison *(3 pt)*	
☐ Understanding limitation of results and conclusions *(3 pt)*	
☐ Recognition of potential impact in science, society, and planet/world *(3 pt)*	
☐ Thought through implications, applications, & ideas for further research *(3 pt)*	
Creativity (15 points possible)	**Points Awarded**
A creative project demonstrates imagination and inventiveness. Such projects offer different perspectives that open up new possibilities or new alternatives. Judges should place emphasis on research outcomes in evaluating creativity. ☐ Does the project demonstrate significant creativity in one or more of the above criteria? *(15 pt)*	
Board Presentation & Display (8 points possible)	**Points Awarded**
☐ Shows understanding of basic science relevant to project *(2 pt)*	
☐ Colorful, creative, and logical organization of display (model pieces) *(2 pt)*	
☐ Clarity of graphs, legends, & graphics *(2 pt)*	
☐ Supporting documentation displayed (lab journal & bibliography) *(2 pt)*	
Interview (35 points possible)	**Points Awarded**
☐ These points are added from the interview earlier in the day	
Final score	**/100**
Judge Initials (please print):	