

SD 91 Science Fair Judging Form

Judge's Name: _____

Student Name(s): _____

Project Number: _____

Criteria	Expectations	<i>High Degree of Effectiveness (5)</i>	<i>Considerable Effectiveness (4)</i>	<i>Some Effectiveness (3)</i>	<i>Limited Effectiveness (2)</i>	<i>Further Support Required (1)</i>
QUESTION & PREDICTING	I can create an original and creative inquiry that reflects my interests and is important to society. (Question and Purpose)					
	I can explore and research to develop my understanding of concepts needed to further my inquiry (Background Research)					
	I can decide which variables should be changed while making predictions about what the findings of my inquiry will be. (Hypothesis)					
PLANNING & CONDUCTING	I can plan appropriate, safe and ethical investigations to answer my questions. (Materials and Procedures)					
	I can choose appropriate data to collect to answer my questions. (Observations and Data Collection)					
PROCESSING AND ANALYZING DATA & INFORMATION	I can identify patterns and connections in data. (Data Analysis)					
	I can construct and use a variety of appropriate methods (tables, graphs, etc.) to represent patterns or relationships in data. (Data Display)					
	I can compare data with predictions and develop explanations for results. (Conclusion)					
EVALUATING	I can evaluate whether my investigations were fair tests by demonstrating an understanding and appreciation of the evidence. (Discussion/Results)					
	I can identify possible sources of error and suggest improvements to my investigation methods. (Future Directions)					
	I can identify some of the social, ethical, and environmental implications of the findings from my own and others' investigations. (Applications)					
APPLYING AND INNOVATING	I can transfer and apply learning to new situations.					
	I can generate and introduce new and refined ideas when problem solving. (Log Book)					
VISUAL COMMUNICATION	I can construct a display board that is: colourful, interesting to look at, neat, well-constructed, with a creative design and title. (Display Board)					
	I can choose meaningful photographs, videos, diagrams, and/or models to clearly display relevant results and/or processes. (Display Board)					
ORAL COMMUNICATION	I can describe, explain, and answer questions about my topic with enthusiasm and confidence while using correct scientific terminology. (Presentation)					
WRITTEN COMMUNICATION	I can summarize my findings by providing an abstract, logbook and a report that contains essential components.					