

RLSF JUDGING FORM: Number of Entry _____

Name of Project _____

SCIENTIFIC THOUGHT: Choose Only One of the Three Below	Level 4 (Excellent) Score 8-10	Level 3 (Good) Score 5-7	Level 2 (Fair) Score 2-4	Level 1 (Poor) Score 0-1	SCORE
Experiment: Undertake an investigation or test a scientific hypothesis using the experimental scientific method.	The experiment is original. All significant variables are identified and controlled. Data analysis is thorough and complete. The conclusion is valid.	The experiment is original. Most significant variables are identified, and control is attempted. - Data analysis uses appropriate arithmetic, graphic or statistical methods. The conclusion follows from the analysis.	A known experiment is extended with modest improvements to the procedures. Data is gathered, and possible applications are given	A known experiment is performed to confirm previous findings.	
Innovation: Develop and evaluate new devices, models, theorems, physical theories, techniques or methods in technology, engineering, computing, natural or social science.	Innovative technology (may include integration of more than one technology) is designed and constructed that advances knowledge and clearly has human and/or commercial benefit. The process of design is well-described.	Innovative technology is designed, or existing technology is adapted to create an application with some advancement of knowledge, human or economic benefit. The design process is described for the most part.	A technological system or device is improved with some justification of human or commercial benefit.	A model or device is duplicated to demonstrate a well-known physical theory or social/behavioural intervention.	
Study: Analysis of and possibly collections of, data using accepted methodologies. Includes studies involving human subjects, biology field studies, data mining from web resources, observations and pattern recognition in physical and or sociobehavioral data.	The study correlates information from a variety of peer-reviewed publications and from systematic observations. It reveals significant new information or original solutions to problems. A detailed description of procedures and techniques with analysis of significant variables is presented.	The study is based on systematic observations and a literature search. A detailed description of procedures and techniques with analysis of significant variables is presented. Enough data is collected to produce a meaningful result.	Existing published material is presented with modest analysis but yields limited data that cannot support a meaningful result.	Existing published material is presented without little analysis. A meaningful result is not evident.	

ADDITIONAL CRITERIA	Level 4 (Excellent) Score 8-10	Level 3 (Good) Score 5-7	Level 2 (Fair) Score 2-4	Level 1 (Poor) Score 0-1	SCORE
ORIGINALITY	This highly original project demonstrates a novel approach. It shows resourcefulness and creativity in the design, use of equipment, construction and/or analysis.	This imaginative project makes creative use of available resources. It is well thought out and some aspects are above average	Project design is simple with some evidence of imagination. It uses common resources and equipment and is a current or common topic.	The project design is simple with little evidence of student imagination. It can be found in other resources.	
COMMUNICATION: ORAL PRESENTATION	The presentation is clear, logical and enthusiastic. All questions are answered with understanding. In a group project both members contributed equitably and effectively to the presentation.	The presentation is clear, well-thought out and executed. Most questions are answered with understanding. In a group project, both members made an equitable contribution to the presentation.	The presentation is not as effective as it could be. Some questions are answered with understanding. One of the group members may have demonstrated a stronger contribution.	The presentation is not effective, nor clearly thought out. Questions are answered with little understanding.	
COMMUNICATION: VISUAL DISPLAY	The visual display is logical and self-explanatory. The exhibit is attractive and well presented. The project report is clearly written and informative. The bibliography is extensive and relevant.	The visual display is well thought out. The exhibit is attractive and well presented. The project report is clearly written. The bibliography may be short, but it is relevant.	The visual display lacks some elements but is well presented. The project report is mostly complete. There is a bibliography listed as urls.	The visual display is incomplete and poorly presented. The project report is poorly written with one or two references at the most.	

SCORING: Transfer scores from above into the appropriate column. Multiply as stated to provide the weighting.

Scientific Thought:	Score (0-10) _____	x	4 = _____	(40)
Originality:	Score (0-10) _____	x	2 = _____	(20)
Communication Oral Presentation:	Score (0-10) _____	x	2 = _____	(20)
Communication Visual Presentation:	Score (0-10) _____	x	1 = _____	(10)
Total possible points			TOTAL _____	(90)

FINAL SCORE
