LISEF JV Judging Criteria

Category _____   **Project #** _____

Judges Name_____

Judging Criteria	Max score	Actual Score
Statement and identification of research problem • Is the problem clearly stated? • Does the presenter demonstrate understanding of existing knowledge about the research problem?	**10**	
Scientific thought, creativity/originality • Process skills demonstrated by the student in the solution to the research problem and/or the research design • Student demonstrates his or her individual contributions to and understanding of the research problem • Level of effort	**20**	
Research design, procedures (materials & methods), results **1. Science and Social Science** • Appropriateness of research design and procedures • Control of variables • Reproducibility • Organized data in a logical way **2. Math** • A strong link to a stated mathematical topic • Demonstrates a good understanding of the underlying mathematics • Recognition of relationship between problem solving approach and end product	**20**	
Discussion/Conclusions • Clarity in stating conclusion • Logical conclusion that is relevant to the research problem and the results of experimentation or testing • Recognizes limits and significance of results • Evidence of student's understanding of the scientific or mathematical principles • Theoretical or practical implications recognized • What was learned?	**30**	
Skill in communicating research—Oral Presentation and Display • Neatness of display and minimal grammar/spelling errors • Clarity in communicating research results to non-specialized audience and to judges • Definition of terms as necessary • Appropriate use of board • Response to questions • If a team: All members contributed to presentation and judges questions	**20**	
Total Score	**100**	