

PROJECT TITLE: _____

ORIGINALITY / CREATIVITY (20%)	Points	COMMENTS
The problem is original or a unique or unusual approach to an old problem	___/6	
Student shows understanding of unanswered questions	___/6	
Experimental design shows creativity	___/4	
Materials and equipment are used ingeniously	___/4	
SCIENTIFIC THOUGHT & UNDERSTANDING (50%)	Points	
The science question is clear, testable, and asks about how two or more things are different or the same.	___/8	
The hypothesis is well stated and based on reading, study, and/or observation	___/6	
Project demonstrates depth of knowledge of the scientific and/or engineering principles involved	___/6	
The experimental design is effective in testing the hypothesis	___/6	
All phases of scientific inquiry or the engineering design process are represented on the display	___/6	
Results and conclusions are clearly stated, and are logical, relevant, and related to the hypothesis	___/6	
Implications of the results are noted and additional hypotheses and experiments are suggested	___/6	
Experiments have been repeated (at least 3 trials)	___/6	
EFFORT & MOTIVATION (15%)	Points	
Extent to which depth of background reading and study is reflected in the project	___/5	
The student learned a considerable amount about the subject on the project	___/5	
The student connected the project with future questions or real world applications	___/5	
ORGANIZATION (5%)	Points	
Well-organized display board and executed experimental procedures	___/2	
Data recorded in a careful and orderly manner	___/2	
The display board is informative and attractive	___/1	
CLARITY (10%)	Points	
Project notes are well-organized and accurate	___/4	
The purpose, hypothesis, procedures, results, and conclusions are clearly stated	___/3	
The display board content is clear and relevant	___/3	

TOTAL POINTS: _____

JUDGE'S INITIALS: _____