



Science Inquiry Project Judging Scorecard

Student's Name:	Grade Level:
Project Category:	Date:
Project Title:	Project #:
Judge's Name:	Final Score:

	Exemplary	Mastery	Proficient	Not Yet	No Evidence
Experimental Design Process (42 points)					
1. Presented a question that could be answered through experimentation.	6	4.5	3	1.5	0
2. Accessed a minimum of three, age-appropriate sources for background research, addressing all key scientific concepts of the project.	6	4.5	3	1.5	0
3. Developed a hypothesis based on the background reading and identified independent and dependent variables.	6	4.5	3	1.5	0
4. Developed good experimental procedure for testing the hypothesis, including use of control variables.	6	4.5	3	1.5	0
5. Demonstrated ability to carry out the experimental procedure to an age-appropriate level of precision.	6	4.5	3	1.5	0
6. Solved problems that arose with the experimental procedure. If necessary, redesigned the procedure and tried experiment(s) again.	6	4.5	3	1.5	0
7. Investigated an original question or used an original approach or technique.	6	4.5	3	1.5	0

Comments/Suggestions:

	Exemplary	Mastery	Proficient	Not Yet	No Evidence
Data Collection & Conclusion (18 points)					
8. Ran sufficient trials (at least three).	6	4.5	3	1.5	0
9. Derived conclusions from appropriately organized and summarized data.	6	4.5	3	1.5	0
10. Clearly related conclusions back to the hypothesis, key scientific concepts, and background research.	6	4.5	3	1.5	0

Comments/Suggestions:

Total Score: _____ /60