



Science Fair Judging Scorecard – Elementary*

Student's Name:	Grade Level:				
Project Category:	Date:				
Project Title:	Project #:				
Judge's Name:	Final Score:				
	Superior	Above Average	Average	Below Average	No Evidence
Scientific Method:					
1. Presented a question that could be answered through experimentation					
2. Developed a hypothesis					
3. Developed a fair test to validate the hypothesis, changing only one factor at a time					
4. Clear and thorough process for data observation and collection					
5. Ran sufficient trials (at least 3)					
6. Accurate experimental technique					
7. Derived conclusions from appropriately organized data					
8. Related conclusions back to the hypothesis					
Opportunities for Improvement:					

*This scorecard assumes students understand the concept of a fair test, but do NOT have knowledge of dependent, independent, and controlled variables.

Scientific Knowledge					
9. Accessed a minimum of three, age-appropriate sources for background research					
10. Clearly identified and explained key scientific concepts relating to the experiment					
11. Used scientific principles and /or mathematical formulas correctly in the experiment					
Opportunities for Improvement:					
Presentation					
12. Neat, well organized, visually appealing, and free of errors in spelling and grammar					
13. Included key components to provide a thorough picture of the project (purpose/question, hypothesis, summary of research findings, materials and procedures, data charts or graphs, results, conclusions)					
14. Included a lab notebook					
Opportunities for Improvement:					
Creativity					
15. Investigated an original question or used an original approach or technique.					
Opportunities for Improvement:					
Total Score					<u> /60 </u>
General Comments/Notes:					