Science Fair Project Judging Scorecard – Basic*

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

	Superior	Above Avg.	Average	Below Avg.	No Evidence
Scientific Method:					
1. Presented a question that could be answered through experimentation	4	3	2	1	0
2. Developed a hypothesis	4	3	2	1	0
3. Developed a fair test to validate the hypothesis, changing only one factor at a time	4	3	2	1	0
4. Clear and thorough process for data observation and collection	4	3	2	1	0
5. Ran sufficient trials (at least 3)	4	3	2	1	0
6. Accurate experimental technique	4	3	2	1	0
7. Derived conclusions from appropriately organized data	4	3	2	1	0
8. Related conclusions back to the hypothesis	4	3	2	1	0

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.

Continued on next page…

Scientific Knowledge					
9. Accessed a minimum of three, age-appropriate sources for background research	**4**	**3**	**2**	**1**	**0**
10. Clearly identified and explained key scientific concepts relating to the experiment	**4**	**3**	**2**	**1**	**0**
11. Used scientific principles and / or mathematical formulas correctly in the experiment	**4**	**3**	**2**	**1**	**0**

Opportunities for Improvement:

Presentation					
12. Neat, well organized, and visually appealing	**4**	**3**	**2**	**1**	**0**
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)	**4**	**3**	**2**	**1**	**0**
14. Included a lab notebook	**4**	**3**	**2**	**1**	**0**

Opportunities for Improvement:

Creativity					
15. Investigated an original question or used an original approach or technique	**4**	**3**	**2**	**1**	**0**

Opportunities for Improvement:

Total Score: _____ / 60

General Comments/ Notes: