

St. Isidore Catholic School **Science Fair Grading Rubric**

Student's Name:	Grade:				
Project Title:	Project #:				
Partner:	Final score: /240 possible points				
	superior	above average	average	below average	no evidence
Scientific Method: possible points: 72 _____x2= /72					
1. Presented a hypothesis that could be answered by experimentation	4	3	2	1	0
2. Identified measurable independent & dependent variables	4	3	2	1	0
3. Used good & thorough procedure for testing the hypothesis	4	3	2	1	0
4. Accurate & thorough data collection w/ consistent measurements	4	3	2	1	0
5. Data analysis is appropriate w/ use of formula, tables, graphs...	4	3	2	1	0
6. Appropriate numbers of samples and trials are used	4	3	2	1	0
7. Results are correctly interpreted	4	3	2	1	0
8. Appropriate conclusion is drawn	4	3	2	1	0
9. Further research, questions, ways to improve, etc. are proposed.	4	3	2	1	0
Overall: possible points: 40 _____x2= /40					
1. Project shows creative ability & originality	4	3	2	1	0
2. Project demonstrates appropriate understanding of scientific principles involved.	4	3	2	1	0
3. Clear student effort & involvement is apparent.	4	3	2	1	0
4. Project is clear in its purpose and thorough in its execution.	4	3	2	1	0
5. Project is commensurate with student's grade level.	4	3	2	1	0

Report: possible points: 64 _____x2= /64					
1. Introduction includes question, variables, and hypothesis	4	3	2	1	0
2. Background research includes citations of appropriate resources	4	3	2	1	0
3. Procedure and materials list is complete	4	3	2	1	0
4. Results & data analysis: Labels; proper units, scale; written description; calculations and formulas correctly used.	4	3	2	1	0
5. Conclusion: Appropriate conclusion is drawn and supported by data. Clear thinking and proposal of new ideas evident	4	3	2	1	0
6. Resources: Number of sources: Grade 6: 3; Grade 7: 4; Grade 8: 5	4	3	2	1	0
7. Variety of sources used.	4	3	2	1	0
8. Grammar, punctuation, sentence structure on par for grade	4	3	2	1	0
Display: possible points: 24 _____x2= /24					
1. Neat, organized, and visually appealing	4	3	2	1	0
2. Includes key elements to give clear & thorough explanation of project:	4	3	2	1	0
3. Includes a lab notebook	4	3	2	1	0
Oral presentation: possible points: 40 _____x2= /40					
1. Prepared	4	3	2	1	0
2. Speaks to audience and doesn't merely read notes	4	3	2	1	0
3. Stays in time limit: 2-3 min for single; 1.5-2 min per student in a group	4	3	2	1	0
4. Knows material and is able to answer questions	4	3	2	1	0
5. Has good posture and makes good eye contact	4	3	2	1	0