

4th and 5th grade Science Fair Rubric

Name _____	Project Title _____					Score
	Missing 0	Beginning 1	Developing 2	Accomplished 3	Excellent 4	
Effort	Did not do a project	Many parts missing or very simple	Most or all parts present, but easy project that did not require that much time	Most parts present. Spent some time on the project.	All parts present: Obviously spent a large amount of time on project, board, report and abstract	
Purpose	Missing	Incomplete, Not in question form	A basic question?	Used a question and shows how it relates to the topic	Stated in question form and examples are given	
Hypothesis	Missing	A guess	Gives an educated guess	Used an If, then, because statement	Used and If, then because statement and gave a reasonable outcome	
Materials	Missing	Incomplete materials	Listed materials but no amounts	Listed materials and amount but no unit	Materials are listed with a unit	
Procedure	Missing	Basic Procedure	Listed in step by step but missing some steps	Step by step Procedure	A step by step able to be repeated procedure	
Results	Missing	Incomplete	Displayed but not consistent with projects intent	Tables and figures incomplete or with error	Tables and graphs are computer generated	
Conclusion	Missing	Incomplete	Conclusion not reasonable	Conclusion states if hypothesis was correct	Logical conclusion was drawn	
Actual plan, Variables and Trials	Missing	Project had too many variables or was only a display	Project used the scientific method, only had 1 trial, but used variables correctly.	Project uses the scientific method. Participant did more than 1 trial and used variables correctly.	Project uses the scientific method. Participant did a minimum of 3 trials, and used variables correctly. Methods were explained clearly.	
Abstract	Missing	Title or a couple of sentences only	Messy, did not include all information, incorrect	Does not summarize all activities or too long	States hypothesis, summarizes procedures, and writes conclusion. Less than 250 words.	
Report	Missing	Messy Incomplete	Missing parts and does not show complete understanding	May be missing parts but shows complete understanding	All parts are present and correctly done with clearly stated thoughts which relate to the project.	
Display Board	Missing	Illegible, messy, incomplete	Missing some categories	Required categories, but does not show correct understanding	Typed and well organized presentation all required categories present.	
Oral Presentation	Missing	Did not understand the project at all	Could not explain much about the project	Explained project, but could not explain results or conclusion	Well spoken, explained project's question, hypothesis, procedures, data, and conclusion	
Presentation and Creativity	None	Ok or Less	Fair	Very Good	Wow, Above and beyond	

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