

2019 FIS 6th Grade Science Fair Rubric Experiment (Scientific Method) Entry

(Question – Research – Hypothesis – Experiment – Analyze – Conclusion)

Requirements	Score: 15 pts	Score: 10 pts	Score: 5 pts
Chosen Topic	Turned in by due date	N / A	Not turned in by due date
Completed Project	Turned in on time	N / A	Not turned in / late
Topic / Title	Clear and written as question.	Not written as a question.	No title
Question (Purpose)	States what student wants to learn.	Unclear of purpose	No question
Research (Bibliography or acknowledgements)	All sources listed	Partial sources listed	Missing
Hypothesis	Stated correctly (<i>"I think that ..., because..."</i>)	Not correctly stated or is missing parts.	No Hypothesis
Materials (Experiment)	All materials are listed	Not all the materials listed	Materials not listed
Procedures (Experiment)	Listed clearly and in order.	Not clearly listed, or not in order.	No procedures listed
Results	Clearly stated, and accurate to the experiment. Clear tables and / or graphs.	Not clearly stated, or tables / graphs not clear.	Little to no results
Conclusion	Correct response from the results of the experiment. <u>States whether hypothesis was proven or not proven</u>	Conclusion was not the correct response to the results of experiment	Conclusion not provided
Presentation (Knowledge)	Answered all questions and explained further. Excited about project	Answered most questions by reading directly from the project board.	Could not answer many questions
Presentation (Oral)	Spoke clearly and looked at judges	Spoke clearly but did not look at judges	Did not speak clearly or look at judges
Overall Project	Overall quality of project is neat, clean, and STUDENT clearly applied effort	N / A	Project was sloppy and many parts missing or thrown together

2019 FIS 6th Grade Science Fair Rubric Engineering Design Entry

(Problem – Research – Brainstorm – Create – improve – Conclusion)

Requirements	Score: 15 pts	Score: 10 pts	Score: 5 pts
Chosen Topic	Turned in by due date	N / A	Not turned in by due date.
Completed Project	Turned in on time	N / A	Not turned in on time
Topic / Title	Clear and visible	Not clear	No title
Problem	States what problem is to be solved	The problem to be solved is unclear	Not listed
Research (Bibliography or acknowledgements)	All sources listed	Missing some sources.	Missing
Brainstorm	Several ideas / plans	N / A	No brainstorming ideas
Materials	All materials listed	Not all the materials listed	No materials listed
Procedures	Listed clearly and in order.	Not clearly listed, or not in order	No procedures listed.
Create	Invention or model provided	N / A	No invention or model
Conclusion	How invention solves problem, and ideas for improvement provided.	How invention solves problem; no ideas for improvement provided.	How invention solves problem not discussed; no improvements listed.
Presentation (Knowledge)	Answered all questions and explained further. Excited about project	Answered most questions by reading directly from the project board	Could not answer many questions.
Presentation (Oral)	Spoke clearly and looked at judges	Spoke clearly but did not look at judges	Did not speak clearly or look at judges
Overall Project	Overall quality of project is neat, clean, and STUDENT clearly applied effort	N / A.	Project was sloppy and many parts missing or thrown together