

BRYANT MIDDLE SCHOOL 7TH GRADE SCIENCE FAIR PROJECT RUBRIC

	3	2	1
QUESTION HYPOTHESIS	Question is unique, meaningful and well researched. Hypothesis is clearly stated as an "If... then" statement.	Question is common. Hypothesis is stated.	Question is not stated. Hypothesis is not in an "If... then" statement.
BACKGROUND RESEARCH	Research is thorough, specific and makes a real world connection.	Research is evident, however lacks any depth and details relevant to real world connections.	Research is not evident and/or does not support the question or hypothesis.
EXPERIMENT DESIGN	All materials are listed. The procedure is written with specific steps. The experiment is designed to test the hypothesis and attempts to answer the question.	Most materials are listed. Some steps of the procedure are missing. The design of the experiment begins to test the hypothesis and attempts to answer the question.	The list of materials is minimal. The procedure is missing many steps. The experiment is not designed to test the hypothesis or answer the question.
VARIABLES	The experiment contains only one independent variable. All control variables and dependent variables listed.	The experiment contains more than one independent variable. There are control variables and dependent variables listed.	The experiment contains no independent variable. Control variables and dependent variables listed are inaccurately listed.
DATA	Experiment contains both quantitative and qualitative data. Sample size is reasonable for experiment. Data is presented in an organized graph or chart.	Experiment contains data. Sample size is limited for the experiment presented. Data is presented in a chart or graph.	Qualitative and quantitative data is missing or inaccurate. Sample size is not large enough to draw accurate conclusions. Data is not presented at all.
CONCLUSION	Explains if hypothesis was or was not supported by data. Sources of error are explained.	States if hypothesis is not clearly supported by data. Sources of error are recognized but not explained.	Does not state or explain if hypothesis was or was not supported by data. Sources of error are not explained nor recognized.
POSTER BOARD	Board is neat, attractive and creative. Spelling and grammar are correct. Graphs and charts are properly labeled.	Board is neat. Spelling and grammar does not detract from meaning of information. Graphs and charts are labeled, but may have mistakes.	Board is poorly organized. Spelling and grammar take away from information presented.
PRESENTATION	All aspects of Science Project are explained in detail. Voice was easily heard. Additional information was able to be shared.	Much of project was explained. Voice quality was projected throughout most of the classroom Additional information was not easily understood.	Explanation includes little or no knowledge of several aspects of science project. Voice could not be heard throughout classroom Could not provide additional details about project.