

Judging Guidelines for Experimental Science Fair Projects

Name: _____ Grade: _____

School: _____ City: _____

Signature of Student: _____

Signature of Parent or Guardian: _____

Signature of Classroom Teacher: _____

	1	2	3	4
Display	Self-explanatory, appeals to many senses	Logical, can be understood	Vague, materials could have used more effectively	Missing many parts, unattractive, poor use of materials
Journal	Detailed entries with all dates and information recorded	Most dates listed with the majority of details recorded	Only one or two days listed with little detail or information	One page journal with no details recorded
Report	Neat, well-written report with flawless communication skills and all parts present including research	Logical and readable with most parts included and few errors	Missing parts and communication skills that are fair	Disorganized, many parts missing and poor communication skills
Probing Questions	Specific and focused, represents exactly what the project is about	Less specific, adequately represents project	Non-specific, yes or no question, confusing to project	Yes or no question, unrelated to project
Hypothesis	Well written, cause and effect statement, reflects research	Well written statements that reflects research	Statement that is vague and does not reflect research	Does not answer probing question does not reflect research
Experiment	Proves or disproves hypothesis, all variables controlled, accurate, repeatable, proper number of tests or samples	Proves or disproves hypothesis, most variables controlled, repeatable, more test or samples needed	May or may not disprove hypothesis, few variables controlled, hard to repeat, few tests or samples	Does not answer hypothesis, little control of variables, inadequate numbers of tests or samples
Conclusion/ Analysis	Observation and inferences made, data recorded in proper charts or graphs, measurements accurate, well thought out conclusion	Some observations and inferences made, data was in charts or graphs but could be better, measurements made, some conclusions	Few or no observations and inferences, data was unorganized, poor measurements, unrealizable conclusions	No observation and inferences, little or no data recorded, unreliable measurements, incorrect or no conclusions
Originality	Resourceful and novel approach, creative design and use of equipment	Imaginative extension of standard approach and use of equipment	Standard approach and good treatment of topic	Incomplete and unimaginative use of resources

Points:	8 - 11	12 - 19	20 - 27	28 - 32
Awards:	First	Second	Third	Participation

Comments: _____