



Question/Title:

0		No question or title
1		Topic is unclear in title/question
2		Well defined question; title descriptive

Hypothesis:

0		None shown
1		Weak; shows little understanding without rationale
2		Adequate; shows understanding; makes an attempt at a scientific rationale
3		Very good; strong reasoning for hypothesis; partial scientific rationale
4		Well-defined hypothesis; shows scientific rationale with well-defined stated causation

Procedure:

0		None shown
1		Incomplete or disorganized
2		Detailed; accounts for some variables
3		Detailed; accounts for some variables and included constants &/or controls
4		Detailed; accounts for all key variables as well as constants and controls

Testing & Trials:

0		None shown
1		Single observation or group; 2 trials or less
2		Multiple observations, groups; limited to 2 trials
3		Multiple observations, groups; limited to 3 trials
4		Multiple observations, groups; more than 3 trials

Data:

0		None shown
1		Some data is present, but poorly/ improperly displayed/incomplete
2		Data is present, graphs present, but some are hard to understand (ex: missing some axis titles, no units, etc...)
3		Data is present; pertinent graphs displayed, most necessary components are present to properly understand information
4		Data is present, recorded, and displayed; easy to understand; graphs or charts are properly displayed and contain all necessary components to interpret/understand the data

Conclusion:

0		None shown
1		Conclusion has no relevance to stated question/topic
2		Conclusion has some relevance to topic, but is not supported by data
3		Conclusion addresses the problem/hypothesis; however, not supported by data
4		Conclusion addresses the problem/hypothesis; supported by data; however, interpretation is vague
5		Conclusion addresses the problem/hypothesis; supported by data; strong interpretation

Error Analysis*: Please see adjoining handout for a list of math courses that students take in given years

0		None shown
1		Error is discussed but not analyzed mathematically
2		Error is discussed and analyzed mathematically

Grammar/Mechanics:

0		Illegible and/or hand-written, hard to understand, multiple errors exist
1		Typed; hard to understand due to faulty grammar mechanics; multiple spelling/grammar errors exist
2		Typed: understandable; errors are present; however, does not interfere with readability of project
3		Typed; understandable; no grammatical or spelling errors present

Presentation/Aesthetics:

0		Unacceptable in neatness and display
1		Unsatisfactory neatness or unsatisfactory display
2		Satisfactory neatness and organized display
3		Neat & organized

Originality:

0		Typical project, typical approach
1		Typical project; however, has a unique approach
2		Creative project; however, typical approach
3		Creative project; original project; unique approach

Project Log Book

0		No log book present
1		Log book present, includes only 1 elements*
2		Log book present, includes 2 of the required elements*
3		Log book present, includes 3 of the required elements*
4		Log book present, includes 4 of the required elements*
5		Log book present includes 5 of the required elements*
6		All elements* present

*Elements in log book:

Correlates to project hand-written (but legible) observations recorded
no gluing/pasting present
chronological order
data collected & documented

COMMENTS: Please provide at least one positive comment, as well as, one piece of advice to improve this particular project. These will be returned to students and teachers!

OVERALL SCORE: _____

1ST PLACE= 34 - 40

2ND PLACE = 26-33

3RD PLACE = 16-25

HONORABLE MENTION = 15 OR LESS

PARTICIPATION = DEMO OR MODEL ONLY

CONSIDER FOR GRAND CHAMPION? Y N