

GRADING RUBRIC FOR GRADE 8 SCIENCE FAIR PROJECT

Name _____ Period _____ Order# _____

Project Title _____

Display Board Due Date: _____ (8th grade)

Submitted on: _____ Date of Presentation: January _____ 2019

Plan to enter science fair: Yes _____ No _____ Category/Science Fair _____

DISPLAY BOARD: 100 Test Points

Title Page (attached to middle-back of display board)/Title on Title Board	0	3	5	
Purpose (the problem, what was tested, how/why <i>you</i> selected the topic)	0	5	10	
Hypothesis (expectations based on cited, scientific research; <i>NOT common knowledge</i>)	0	5	10	
Abstract (refer to Abstract Rubric on back of sheet/minimum 22 font on display board)	0	5	10	
Procedure (experiment, materials used/steps taken/state independent/dependent variable & number of times tested) <i>OBSERVER SHOULD BE ABLE TO REPEAT PROCESS WITH YOUR PROCEDURE</i>	0	10	20	
Trials manipulated variable tested- <i>MINIMUM OF TEN TIMES</i>	0	10	15	
Results (must include graph & summary paragraph) <i>Summary paragraph to include stated relationship between independent/dependent variable</i>	0	5	10	
Conclusion (facts learned/relates results to purpose/extends results to hypothesis)	0	5	10	
<i>Photos with captions</i> showing your personal timeline (avoid personal identity)	0	5	10	

/100

******FONT SHOULD BE AT LEAST 22 FOR BOARD COMPONENTS--INCREASE HEADER SIZE TO SCALE****
PLEASE REFER TO BOARD DIAGRAM ORDER IN SCIENCE FAIR PACKET**

PRESENTATION: 100 Test Points

Time (4-7 minutes for 7 th & 8 th graders)	0	5	10	15	End	_____
					Begin	_____
					Total	_____
Demonstrates Subject Knowledge						
Describes all board components	0	5	10	15		
Explains experiment/process	0	5	10	15		
Science content responses (must support information)	0	5	10	15	20	40
Displays Presentation Etiquette (speaking tone/grammar/pronunciation & audience awareness- <i>DO NOT CHEW GUM OR READ BOARD</i>)	0	5	10	15		

/100

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LOG BOOK: 100 Test Points **A notebook of your experimental process******

Experimental Procedure (materials list & steps of experiment) [<i>Your written</i> explanation of the entire process, starting with materials list and continuing through end of procedure]	0	5	10	15	20
Data collected during the entire course of the experiment. [Include metric units of measurement, date and time]	0	5	10	15	25
Pictures (with explanation) that displays timeline of entire experimental process	0	15	20	25	30
All observations were recorded. Entries include date and time.	0	5	10	15	20
Title on front of log book matches title on display board.	0				5

/100

ABSTRACT: 100 Test Points **A summative essay that describes your project******

- Block Paragraphs
- No Headings
- Maximum 250 words
- One page
- Third Person
- Third Person tense
- Single-spaced body
- Double-space between paragraphs

Title Page (Order: Project Title, Student's Name, Class/Subject, Teacher's Name, Period, and Date) 0 5 10

*****The Following Information Should Be Included In This Order*****

Purpose (the problem, what was tested, how/why <i>you</i> selected the topic)	0	5	10	15	
Hypothesis (expectations based on cited, scientific research; <i>NOT common knowledge</i>)	0	5	10	15	20
Experiment (includes procedure, what was being measured, and the # of times tested)	0	5	10	15	20
Results (includes a summary of outcome, a noted data trend after experimentation)	0	5	10	15	20
Conclusion (includes facts learned, interpretation of results related to the purpose & the hypothesis)	0	5	10	15	

/100

*****CHECK FOR SPELLING, GRAMMAR ERRORS, NEATNESS*****

Display Board: _____/100

Presentation: _____/100

Abstract: _____/100

Log Book _____/100

TOTAL: _____/400

*****EACH project component (board, abstract, presentation, log book) will NOT be accepted for full credit after due date**

PLEASE BE AWARE THAT THIS RUBRIC FORM IS DIFFERENT FOR GRADE EIGHT. ALTHOUGH WE STRIVE FOR CONSISTENCY AS A DEPARTMENT, WE AGREE THAT THIS IS A PROCESS WITH INCREASING RIGOR AND EXPECTATIONS.