# GRADING RUBRIC FOR GRADE 8 SCIENCE FAIR PROJECT

**Name__________________________**  
**Period__________**  
**Order#__________**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>0</th>
<th>3</th>
<th>5</th>
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</thead>
<tbody>
<tr>
<td>Display Board Due Date: (8th grade)</td>
<td></td>
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<tr>
<td>Submitted on:                                   Date of Presentation: January__2019</td>
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<tr>
<td>Plan to enter science fair: Yes________ No_______ Category/Science Fair ______________________</td>
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## 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 you selected the topic)**  
0 5 10

**Hypothesis (expectations based on cited, scientific research; NOT common knowledge)**  
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)**  
0 10 20

**Trials manipulated variable tested-MINIMUM OF TEN TIMES**  
0 10 15

**Results (must include graph & summary paragraph)**  
0 5 10

**Conclusion (facts learned/relates results to purpose/extends results to hypothesis)**  
0 5 10

**Photos with captions** showing your personal timeline (avoid personal identity)  
0 5 10

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**PLEASE REFER TO BOARD DIAGRAM ORDER IN SCIENCE FAIR PACKET**

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## PRESENTATION: 100 Test Points

**Time (4-7 minutes for 7th & 8th 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)**  
**DO NOT CHEW GUM OR READ BOARD**  
0 5 10 15

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/100
Name__________________________________________ Period________________ Order #__________

Project Title__________________________________________________________

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

Experimental Procedure (materials list & steps of experiment) 0 5 10 15 20
   [Your written explanation of the entire process, starting with materials list
   and continuing through end of procedure]

Data collected during the entire course of the experiment. 0 5 10 15 25
   [Include metric units of measurement, date and time]

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 you selected the topic) 0 5 10 15

Hypothesis (expectations based on cited, scientific research; NOT common knowledge) 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 ***EACH project component (board, abstract, presentation, log
   book) will NOT be accepted for full credit after due date

Abstract: ____________/100

Log Book ____________/100

TOTAL: ____________/400

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.