

## MHEA Science Fair Guidelines/Judging Form

Project # \_\_\_\_\_ Grade Level \_\_\_\_\_

Projects will be awarded 0-4 points in each category.

4 points = Superior, 3 points = Above Average, 2 Points = Average, 1 point = Below Average, 0 points = Not Evident

- Problem:** Is the problem clearly stated in the form of a question? Is it a testable problem?  
Circle points awarded: 4      3      2      1      0
- Hypothesis:** Does the student provide his/her hypothesis (statement predicting results)? Is their reasoning explained?  
Circle points awarded: 4      3      2      1      0
- Materials:** Are the materials listed?  
Circle points awarded: 4      3      2      1      0
- Procedure:** Is the procedure explained in clear terms? Are the methods described step by step? Is the procedure appropriate for the question and hypothesis given? If appropriate, was a control provided? For example, was a comparison made to show that the variable under investigation was in fact responsible for the results, and that it was not merely coincidental?  
Circle points awarded: 4      3      2      1      0
- Results:** Are the results easy to understand? If appropriate, are the graphs and charts to display data clearly labeled? Are units labeled with measurements?  
Circle points awarded: 4      3      2      1      0
- Conclusion:** Does the conclusion logically connect to the results? Did the student retest as needed?  
Circle points awarded: 4      3      2      1      0
- Creativity & Originality:** Is the project creative and engaging? Is the student seeking to answer a scientific question or recreating a scientific demonstration?  
Circle points awarded: 4      3      2      1      0
- Scientific Knowledge/ Middle & High School Lab Report:** Did the student identify what they learned through the project? Did middle/high school level projects include a lab report following the "Lab Report Boot Camp" guidelines?  
Circle points awarded: 4      3      2      1      0
- Neatness, Time, Effort & Visual Appeal:** Is the board layout and design attractive and appropriate for the grade level? Is the information presented in a neat and grade appropriate fashion?  
Circle points awarded: 4      3      2      1      0
- Scientific Accuracy & Resources:** Did the student give credit to sources of information? Is the factual information correct? Are calculations done correctly?  
Circle points awarded: 4      3      2      1      0

Total Score \_\_\_\_\_