

STEM FAIR RUBRIC

| Due Date | Points Earned | Points Possible | Expectation Component | Pages to Reference in STEM Fair Booklet |
|----------|---------------|-----------------|--|---|
| 12/5/17 | | 3 | I completed the STEM Fair Topic Page and it was signed by a parent/guardian. | Separate page |
| 12/5/17 | | 1 | My Project Log has been started . My question or problem is listed in my notebook. The project log will assist in communicating investigative research, steps, changes in thinking, conclusions, data collected, etc. Project logs should include dates and notes of everything that is done and read in connection to the investigation. | pgs. 2-5 |
| 12/19/17 | | 6 | My Background Research was completed. My research sources and notes are in my log. I used a variety of resources including computer, books, encyclopedias, magazines, as well as information from professionals such as doctors, engineers, master-gardeners (local extension office). Research must include 3 sources that came from at least 2 different medias. If I conducted an interview, the interview questions and answers are recorded in my log. | pg. 6 |
| 12/19/17 | | 4 | I stated my independent and dependent variables as well as my control . My Hypothesis is completed. | pg. 6-8 |
| 1/16/18 | | 7 | Setting up the Procedure (Materials): Materials are listed accurately and completely using metric measurements for amounts and numbers of each item needed total for all 5 trials. Setting up the Procedure (Directions) OR Developing the Prototype is listed in steps (1-2-3) clearly and completely to show how my experiment/design process was carried out. I remembered I have to run 5 trials . I Included specific steps that I used to collect data on how my hypothesis is being tested. | pg. 9 |
| 2/6/18 | | 10 | My Data/Graphs are accurately presented using metric units . I used data from my journal to create a data table. I have the correct type of graph that best matches my data. My graph is computer generated or made using graph paper. If I did an engineering project, I am including my variations of my prototypes. | Pages 11-13 |
| 2/13/18 | | 14 | My Conclusion is accurate and written in complete sentences. I fully answered all of the questions listed on pg. 14 of the STEM Booklet | 14 |
| 2/15/18 | | 10 | My Abstract page summarizes my project, and includes any problems I encountered, safety precautions I used, as well as results I had throughout my experiment or with my question. | 15 |
| 2/20/18 | | 8 | My completed project log with detailed, dated entries. My project is neatly printed in my BEST handwriting and my spelling and grammar were edited and corrected. | All |