| **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 |