**Student Name:**

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| ***Due Dates*** | ***Sections*** | ***Requirements*** | | ***Points Available*** | ***Comments (if needed)*** |
| **Note: This is a preliminary check of the components of the science fair project. Please read the comments and make adjustments to the project to receive full credit on November 4th. All scores can be increased by improving on the suggestions made by your teacher. Components are due no later than the due dates below. Components can be turned in earlier for approval. Once the first six sections have been approved, you may begin testing, even before September 23rd.**  **All components must be handwritten and in ink.** | | | | | |
| Sept. 9th | **Question** | Testable  Clear | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| September  16th | **Research** | Contains at least 3 valid/ reliable sources  Main ideas summarized | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Hypothesis** | Research based  prediction/rationale  **If…then….because…..** | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| September  23rd | **Variables** | Independent, Dependent  Controlled | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Procedure**  **Data Table** | Materials/steps listed; replicable; multiple trials, clearly written  Data table (collection of data to be collected) | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Daily Log**  **Mid Point** | Handwritten**, not typed**  Detailed thinking about science project, data analysis, questions you have, personal reflection on the experience. | | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
|  | **You May Begin Testing!** | | | | |
| October  23rd | **Data** | | Graphs/charts/pictures  all parts included  easy to read;  neat | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Results** | | Evidence of data analysis Data cited and identify important numbers/patterns. | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Conclusion** | | Explain how data patterns connect to data and hypothesis.  Clearly written | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| October  30th | **Summary** | | Clearly written  5 paragraphs  Conventions | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
| **Bibliography** | | Appropriate Sources  Appropriate Citation Format | 1 – understanding not evident  2 – emergent understanding  3 – grade level expectations met |  |
|  | **Final Project Due in Class on November 4th**  **Project: \_\_\_\_\_\_\_/33= \_\_\_\_\_\_\_%**  **100% Can be earned when projects reflect exceptional work going above and beyond grade level expectations.** | | | | |

**Additional Comments:**