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| **Science Project Rubric** | | | | | |
|  | **Inadequate** **0-3 pts** | **Needs improvement** **5 pts** | **Adequate** **7 pts** | **Excellent** **10 pts** |  |
| **Title/ Research Question** | Inadequate  Not titled, incomplete question or doesn't use correct format. Purpose of scientific inquiry is not clearly stated. | Needs improvement  Stated the problem or question, using incorrect form. No independent, dependent or control variables listed when applicable. Misspelled words. Messy, illegible | Adequate  Stated the problem. No misspelled words. Legible. Variables present, but incorrect or incomplete. | Excellent  Stated the **problem in question form**. Includes a **title**. Identifies the **variables.** No misspelled words. Easy to understand. |  |
| **Background Research** | Inadequate  Research missing or minimal research loosely related to the research topic. | Needs improvement | Adequate  Minimal summary of research focusing on topic of research. | Excellent  **Detailed** research focusing on topic of research. |  |
| **Hypothesis** | Inadequate  Does not answer research question in a complete sentence. No title. | Needs improvement  Answers the question in a complete sentence. Does not apply to the problem. Misspelled words. Messy, illegible | Adequate  Answers the question in a complete sentence. Applies directly to the problem. | Excellent  Answers the question in a complete sentence. Can tell that the student has put thought into statement. Background research is evident. No misspelled words. |  |
| **Materials** | Inadequate  Does not list the materials used in the experiment. | Needs improvement  List of materials is incomplete (missing more than 2) or messy, or illegible. Misspelled words. | Adequate  List of materials is incomplete (missing a couple materials). | Excellent  List of all materials is complete and up to date with no misspelled words. |  |
| **Procedure** | Inadequate  No procedure. Fragmented in step by step process. Missing information. | Needs improvement  Incomplete procedure. Misspelled words. Fragments in steps of progress. Missing variables | Adequate  Mostly complete procedure (missing a couple steps). All variables are present. Neat and organized | Excellent  Completed procedure. No misspelled words. All variables are present. |  |
| **Results/Data** | Inadequate  No results. Fragmented. No documentation. No graph or data chart. | Needs improvement  Documentation (an explanation) is provided, but without a graph or data table. Fragments. Misspelled words. | Adequate  Completed results with a graph/data table and explanation. No fragments. No misspelled words. Neat. Organized. Missing labels and title for graph. | Excellent  Completed results with a **graph, data table or both**, to support the explanation of the results of the research. No fragments. No misspelled words. Neat. Organized. Easy to read graphics. |  |
| **Conclusion** | Inadequate  No conclusion. Fragmented. | Needs improvement  Conclusion not related to problem. Not written in correlation to the hypothesis. Misspelled words. Fragments. Incomplete sentence | Adequate  Conclusion is related to the hypothesis as the answer to the problem or question. Answered in a complete sentences. | Excellent  Conclusion is related to the hypothesis. Correct wording and format. Stated in complete sentences. No misspelled words. |  |
| **Overall Appearance** | Inadequate  Not visually appealing. Messy and incomplete. Missing more than 2 labels. | Needs improvement  No attention to detail. Title or subtitles missing or too small. | Adequate  Items on board are spaced well. Straight edges. Font large enough read from three feet away. No missing title or subtitles. | Excellent  Items on board are spaced well. Straight edges. Font large enough read from three feet away. All **subtitle** are present. Use of color and creativity is apparent. |  |

**Score Sheet total \_\_\_\_\_\_\_\_/80**