**Your conclusion should include the following:**

**Paragraph 1:**

* State your problem and answer it!
* What are your claims? Use evidence (average data or patterns in data) NOT individual trials to support your answer
* Reflect back to your hypothesis- why did you make this hypothesis, was it **supported or not supported** by your data. Cite specific data that supports your answer.
* Explain WHY you got the results you did. Use science (and your **background research**!) to interpret your findings. “In my research, I found that…… this supports my findings because……”

**Paragraph 2:**

* Describe at least 2 “sources of error” or problems that could have affected your results. Explain how these “errors” really affected your data.
* Is your data valid and reliable? Did you use multiple trials? Why was this important? What control(s) or constants did you use to run a scientific experiment?
* **Describe** how your experiment could be improved, and **explains** other experiments that you or someone else could do on this topic.

**Paragraph 3:**

* Describe how your finding apply to the “real world”- how is the information you discovered important to others, make the world a better place, etc.
* Explain what your learned, and create a concluding sentence (tie-in). Do NOT just say that your experiment was “fun!”

**NOTE**: AVOID USING FIRST PERSON - “I”, “MY”

***Conclusion Scoring Guide***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Component of conclusion** | **Very Thorough**  **4** | **Good**  **3** | **Needs Work**  **2** | **Poor**  **1** | **Not Done**  **0** |
| *States and answers the problem* |  |  |  |  |  |
| *Makes claim and supports with specific data (evidence)* |  |  |  |  |  |
| *Explains/Supports whether hypothesis was correct or not.* |  |  |  |  |  |
| *Uses background research to help explain results* |  |  |  |  |  |
| *Explains Error/Problems encountered/ Data valid or not* |  |  |  |  |  |
| *Describes ways to improve/ Other experiments to do* |  |  |  |  |  |
| *Applies findings to real world* |  |  |  |  |  |
| *Conclusion is in good paragraph form, few spellings errors, has intro and close* |  |  |  |  |  |
| *Conclusion is typed* | Yes = 3 No = 0 | | | | |
| **Total \_\_\_\_\_/35 = %** | | | | | |

***Conclusion Scoring Guide***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Component of conclusion** | **Very Thorough**  **4** | **Good**  **3** | **Needs Work**  **2** | **Poor**  **1** | **Not Done**  **0** |
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| **Total \_\_\_\_\_/35 = %** | | | | | |

***Conclusion Scoring Guide***

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| **Total \_\_\_\_\_/35 = %** | | | | | |