Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_\_\_\_\_\_\_

Lab Conclusion Graphic Organizer

Introduction- What was the purpose of the lab? (What was the lab about?)

What is the science information this lab covers? Add plenty of science details.

Use your resources!

What happened? Be sure to include data/observations. Be specific!

What factors influenced your results? Why did the data turn out the way that it did?

Did anything go wrong? Were there any errors?

Is there anything that could be done differently next time?

Write a concluding sentence (or two) that sums up the lab (purpose and results).

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_\_ Score\_\_\_\_\_\_\_/**18 points**

|  |  |  |  |
| --- | --- | --- | --- |
| **Points** | **2** | **1** | **0** |
| **Introductory Statement:** Identifying a purpose of the lab. | Student included a thorough and complete purpose of this lab. | Student included a purpose that lacked detail and/or gave incorrect information. | Student did not include a purpose in the conclusion discussion. |
| **Science background information:** Scientific knowledge needed to understand this lab. | Student included thorough and detailed background scientific information. Student used the appropriate resources to support this information. | Student included little or incorrect science information. Information was not thorough and/or lacked detail. | Student did not include any scientific information. |
| **Observations and Data**: What happened during this lab? | Student included all observations and data collected during the lab. All information was thorough and included detail. | Student included few observations and data. Information was not thorough and/or lacked detail. | Student did not include observations and data. |
| **Interpreting Results:** What factors influenced your results? | Student included all factors that affected the results of this lab. All information was thorough and included detail. | Student’s interpretation of the results was not thorough and lacked detail. | Student did not include factors that affected the results of this lab. |
| **Errors and suggestions for improvement**: Did anything go wrong?  Is there anything that could be done differently next time? | Student identified most or all possible errors that affected the outcome of this lab and suggested ways to improve this lab. Student used detail to describe these factors. | Student discussion of errors and suggestions for improvement was not thorough and lacked detail. | Student did not include any possible errors and suggestions for improvement. |
| **Concluding sentence(s):**  Write a concluding sentence (or two) that sums up the lab. | Student included a thorough and detailed concluding sentence(s) that summed up the purpose and results of the lab. | Students concluding sentence was not thorough and/or lacked detail. | Student did not include a concluding sentence. |

**LAB CONCLUSION:**

**SCIENTIFIC WRITING SKILLS:**

|  |  |  |
| --- | --- | --- |
| **Points** | **2** | **1** |
| **Spelling and Grammar** | Student made few spelling and/or grammatical errors, such as incomplete sentences. | Student made several or many spelling and/or grammatical errors, including incomplete sentences. |
| **Scientific writing** | Student used few pronouns, and consistently used past tense. | Student used several or many pronouns and/or used a mix of present and past tenses. |
| **Scientific language** | Student used scientific language (i.e., observed, increased, decreased, etc.) | Student frequently used words and phrases such as ‘a lot’, things, many, ‘a little bit’, stuff, etc. |