

Professor Nancy Arias

Formal Scientific Laboratory Reports

For the purpose of this course, you will only need to focus on reporting general laboratory assignments. The outline is as follows:

Introduction

Briefly give the necessary background information concerning the laboratory assignment. The general purpose and background helps to establish a setting for the reader to follow. Your thesis should be the last statement given in the introduction, so make sure you introduction transitions well and supports your scientific claim!

Materials and Methods

What materials did you use and how, when where, did you use such materials. Did you have to freeze specimens, or maybe you had to apply force or other environmental factor to manipulate the experiment.

Results

During the course of the laboratory assignment you made several observations and recorded data. This section is where you report your data. Do not discuss why you think your results were the way they were, that's for the discussion. Simple state the results of your experiment. For elaborate laboratory experiments, you are required to report statistical analyses in the results section.

Discussion

Here is where you can discuss why the hypothesis was either accepted or rejected. Explain your experiment and the results against your methods

Conclusion

Based on the discussion, what can you conclude about the experiment and the organism?

Additional Information:

1. If you use any copy-writed material in your report, please use proper citations and create a **Works Cited** page.
2. Absolutely **NO** use of first, second, or third-person in any formal scientific writing.
3. Double space, normal margins, 12pt and Times New Roman font.