



Biology Lab Report Template

Title:

(Write A Clear And Specific Title Of Your Experiment)

Example: The Effect of Light Intensity on Photosynthesis in Elodea

Abstract (Optional)

(Write 3–4 Sentences Summarizing The Experiment, Method, And Key Result)

- Purpose of the experiment:
- Method used:
- Key result:
- Conclusion:

Introduction

(Explain Background, Aim, And Hypothesis)

Background:

[Write The Scientific Concept Related To Your Experiment]

Objective/Aim:

The aim of this experiment was to _____ Hypothesis:
If _____, then _____ because

Materials

(List All Materials Used)

-
-
-
-

Methods / Procedure

(Write Step-By-Step In Past Tense And Third Person)

- 1.
- 2.
- 3.
- 4.

Variables

- Independent Variable: _____
- Dependent Variable: _____
- Controlled Variables: _____

Results

(Present Your Data Clearly)

Observations:

[Write What You Observed]

Data Table:

Trial	Measurement	Result

Graph (if needed):

[Insert Graph Here]

Discussion

(Explain Your Results)

- What do the results show?
- Did they support your hypothesis?
- Why did this happen? (scientific explanation)
- Possible errors:
- Improvements for future experiments:

Conclusion

(Summarize Findings In 4–5 Lines)

The results of this experiment _____

The hypothesis was _____ (supported/not supported)

This shows that _____

References

(List Your Sources In Proper Format)

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