

Basic Lab Report Template

1. Title Page

- Title of Experiment: _____
 - Your Name: _____
 - Course Name & Number: _____
 - Instructor's Name: _____
 - Date of Experiment: _____
 - Date of Submission: _____
 - Lab Partners: _____
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2. Abstract (50–150 words)

- Purpose: _____
 - Methods (brief): _____
 - Key Results: _____
 - Conclusion: _____
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3. Introduction

Background Information

Relevant Research / Theory

Purpose of Experiment / Research Question

Hypothesis

4. Materials and Methods

Materials

- _____
- _____
- _____

Methods / Procedure

(Write in past tense, third person. Include all quantities, times, temperatures, and controls.)

1. _____
 2. _____
 3. _____
 4. _____
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5. Results

Data Tables

Table #: Title

Variable	Trial 1	Trial 2	Trial 3	Average
_____	_____	_____	_____	_____

(Insert additional tables as needed.)

Figures / Graphs

Figure #: Title

(Insert graph and label axes, units, and legend.)

Written Summary of Results (no interpretation)

6. Discussion

Main Findings

Explanation of Results

Comparison to Literature / Expectations

Limitations / Sources of Error

Future Improvements / Further Research

7. Conclusion

8. References

(List all sources in required citation style.)

1.

2.

3.

9. Appendices (if applicable)

- Raw data
 - Sample calculations
 - Additional graphs or notes
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