

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:** _____

2. Abstract (50–150 words)

- **Purpose:** _____
- **Methods (brief):** _____
- **Key Results:** _____
- **Conclusion:** _____

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. _____

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

