

A Quick Reference for Laboratory Report Writing
Prepared for Rowan University Freshman Engineering Clinic
30 August 2002

Overview

This document describes a general, adaptable format for laboratory reports. The goal of laboratory reports is to document results and communicate their significance. A good laboratory report does more than present data; it demonstrates the writer's comprehension of the concepts behind the data, and the significance of the results.

Typical Components

- Title Page
- Abstract
- Introduction
- Methods and Materials (or Equipment)
- Experimental Procedure
- Results and Discussion
- Conclusion
- References
- Appendices
- Further Reading

1. The Title Page

The Title Page must contain the name of the experiment, the full names of lab partners, and the date. Submittal information (course name, number and instructor) must also be provided. Titles should be straightforward, informative, and less than ten words (i.e. Not "Lab #1" but "Effect of Grinding Time on Coffee Concentration").

2. The Abstract

The Abstract summarizes four essential aspects of the report: the purpose of the experiment, key results, significance and major conclusions. The abstract often also includes a brief reference to theory or methodology. The information should clearly enable readers to decide whether they need to read the whole report. The abstract should be one paragraph of 100-200 words (the sample below is 191 words). The abstract is often written last.

3. The Introduction

The Introduction states the objective and scope of the experiment (or report) and provides the reader with background to the experiment. The relevance and importance of the experiment should be explained. The Introduction provides a preview of the content of the full report. From the Introduction, the reader should understand *why* the study was performed.

Lab Report Reference Format

Eric Friginal



Lab Report Reference Format:

A Student Handbook for Writing in Biology Karin Knisely, 2002-01-04 This new writing handbook focuses on showing students how to prepare biology lab reports

Corpus Linguistics for English Teachers Eric Friginal, 2018-05-15 Corpus Linguistics for English Teachers New Tools Online Resources and Classroom Activities describes Corpus Linguistics CL and its many relevant creative and engaging applications to language teaching and learning for teachers and practitioners in TESOL and ESL EFL and graduate students in applied linguistics English language teachers both novice and experienced can benefit from the list of new tools sample lessons and resources as well as the introduction of topics and themes that connect CL constructs to established theories in language teaching and second language acquisition Key topics discussed include CL and the teaching of English vocabulary grammar and spoken written academic discourse new tools online resources and classroom activities and focus on the English teacher as a corpus based researcher With ready to use teaching vignettes tips and step by step guides case studies with practitioner interviews and discussion of corpora and corpus tools Corpus Linguistics for English Teachers is a thoughtfully designed and skillfully executed resource bridging theory with practice for anyone looking to understand and apply corpus based tools dynamically in the language learning classroom

Technical Communication with 2009 MLA and 2010 APA Updates Mike Markel, 2010-06-15 Click here to find out more about the 2009 MLA Updates and the 2010 APA Updates Comprehensive and truly accessible Technical Communication guides students through planning drafting and designing the documents that will matter in their professional lives Known for his student friendly voice and eye for technology trends Mike Markel addresses the realities of the digital workplace through fresh samples and cases practical writing advice and a companion Web site TechComm Web that continues to set the standard with content developed and maintained by the author The text is also available in a convenient affordable e book format

Annual Report of the Oregon State Agricultural College Experiment Station Oregon State College. Agricultural Experiment Station, 1891

Laboratory in Cognition and Perception V3 Sarah Ellen Ransdell, P. Marek, J. Lea, C. M. Levy, 1999

A Manual for the Control of Communicable Diseases in California, 1977

Annual Report of the State Department of Health of New York for the Year Ending December 31 ... New York (State). Department of Health, 1929

New York Court of Appeals. Records and Briefs. New York (State)., *Report* Oregon State University. Agricultural Experiment Station, 1894

Experiment Station Record United States. Office of Experiment Stations, 1910

Communicable Diseases Statistical Report. (Varies Slightly). California. Department of Public Health, 1971

Annual Report of the Pennsylvania Agricultural Experiment Station, 1922

Introductory Biology Laboratory Manua Gbg, 1994-09-26

Appendix to the Journals of the House of Representatives of New Zealand New Zealand. Parliament. House of Representatives, 1914

Implementation Guidelines for Drug and Alcohol Regulations in Mass Transit, 1994

Report of Proceedings of the ... Annual Convention of the American Railway Master Mechanics'

Association American Railway Master Mechanics' Association,1914 *A Pocket Style Manual, APA Version* Diana Hacker,Nancy Sommers,2012-09-12 The NEW APA version of A Pocket Style Manual provides help for students writing in social sciences and other disciplines that use APA style psychology sociology economics criminal justice nursing education and business With a focus on APA conventions and practices examples and models from across the disciplines and guidelines for integrating and documenting a wide variety of sources A Pocket Style Manual APA version gives concise straightforward and trusted advice for any writing situation **Writing in the Disciplines** ,1995 *Annual Report* Coastal Oregon Marine Experiment Station,1900 Annual medical examiner data. 1999 | SERIES: D-16, PUBL. DEC. 2000 ,1991

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Table of Contents Lab Report Reference Format

1. Understanding the eBook Lab Report Reference Format
 - The Rise of Digital Reading Lab Report Reference Format
 - Advantages of eBooks Over Traditional Books
2. Identifying Lab Report Reference Format
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Lab Report Reference Format
 - User-Friendly Interface
4. Exploring eBook Recommendations from Lab Report Reference Format
 - Personalized Recommendations
 - Lab Report Reference Format User Reviews and Ratings
 - Lab Report Reference Format and Bestseller Lists
5. Accessing Lab Report Reference Format Free and Paid eBooks
 - Lab Report Reference Format Public Domain eBooks
 - Lab Report Reference Format eBook Subscription Services
 - Lab Report Reference Format Budget-Friendly Options
6. Navigating Lab Report Reference Format eBook Formats

- ePub, PDF, MOBI, and More
 - Lab Report Reference Format Compatibility with Devices
 - Lab Report Reference Format Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Lab Report Reference Format
 - Highlighting and Note-Taking Lab Report Reference Format
 - Interactive Elements Lab Report Reference Format
 8. Staying Engaged with Lab Report Reference Format
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Lab Report Reference Format
 9. Balancing eBooks and Physical Books Lab Report Reference Format
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Lab Report Reference Format
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Lab Report Reference Format
 - Setting Reading Goals Lab Report Reference Format
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Lab Report Reference Format
 - Fact-Checking eBook Content of Lab Report Reference Format
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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