Provides a complete course in biomedical writing for class use or self-study. Assists mainly new authors to understand what a well written scientific research paper is, by means of example. Introduces them to principles of clear writing, as applied specially to scientific research papers. Gives specific guidelines (rather than general advice) for constructing the four main sections of a scientific research paper (Introduction, Materials & Methods, Results, & Discussion).

Over the past thirty years Paul Feyerabend has developed an extremely distinctive and influential approach to problems in the philosophy of science. The most important and seminal of his published essays are collected here in two volumes, with new introductions to provide an overview and historical perspective on the discussions of each part. Volume 1 presents papers on the interpretation of scientific theories, together with papers applying the views developed to particular problems in philosophy and physics. The essays in volume 2 examine the origin and history of an abstract rationalism, as well as its consequences for the philosophy of science and methods of scientific research. Professor Feyerabend argues with great force and imagination for a comprehensive and opportunistic pluralism. In doing so he draws on extensive knowledge of scientific history and practice, and he is alert always to the wider philosophical, practical and political implications of conflicting views. These two volumes fully display the variety of his ideas, and confirm the originality and significance of his work.

Grab your students’ attention with an exciting science demonstration. Then engage them in active learning as they explore each step of the scientific method. This is a perfect way to introduce and guide students in creating science fair projects and learning the concepts of scientific investigation.

This reference covers the topics necessary to undertake research projects in the sciences. For instance, it details how to select a research problem; how to pursue the research goals; how to search the literature; how to determine whether or not a measurement is significant; how to test a scientific model or theory; and how to write a final report or research paper. Intended for any scientific professional in contact with research gathering in industry, university, or governmental institution.

Despite numerous books on research methodology, many have failed to present a complete, hands-on, practical book to lead college classes or individuals through the research process. We are seeing more and more scientific papers from all research fields that fail to meet the basic criteria in terms of research methods, as well as the structure, writing style and presentation of results. This book aims to address this gap in the market by providing an authoritative, easy to follow guide to research methods and how to apply them. Qualitative Methods in Economics is focused not only on the research methods/techniques but also the methodology. The main objective of this book is to discuss qualitative methods and their use in economics and social science research. Chapters identify several of the research approaches commonly used in social studies, from the importance of the role of science through to the techniques of data collection. Using an example research paper to examine the methods used to present the research, the second half of this book breaks down how to present and format your results successfully. This book will be of use to students and researchers who want to improve their research methods and read up on the new and cutting edge advances in research methods, as well as those who like to study ways to improve the research process.

Teaches children the scientific method with experiments that teach about animals, plants, and the environment.

Publishing your research in an international journal is key to your success in academia. This guide is based on a study of over 1000 manuscripts and reviewers’ reports revealing why papers written by non-native researchers are often rejected due to problems with English usage and poor structure and content. With easy-to-follow rules and tips, and examples taken from published and unpublished papers, you will learn how to: prepare and structure a manuscript increase readability and reduce the number of mistakes you make in English by writing concisely, with no redundancy and no ambiguity write a title and an abstract that will attract attention and be read decide what to include in the various parts of the paper (Introduction, Methodology, Discussion etc) highlight your claims and contribution avoid plagiarism discuss the limitations of your research choose the correct tenses and style satisfy the requirements of editors and reviewers This new edition contains over 40% new material, including two new chapters, stimulating factoids, and discussion points both for self-study and in-class use. EAP teachers will find this book to be a great source of tips for training students, and for preparing both instructive and entertaining lessons. Other books in the series cover: presentations at international conferences; academic correspondence; English grammar, usage and style; interacting on campus, plus exercise books and a teacher’s guide to the whole series. Please visit http://www.springer.com/series/13913 for a full list of titles in the series. Adrian Wallwork is the author of more than 30 ELT and EAP textbooks. He has trained several thousand PhD students and academics from 35 countries to write research papers, prepare presentations, and communicate with editors, referees and fellow researchers.
SAGE Course Companions are an exciting new series from SAGE offering students an insider’s guide into how to make the most of their undergraduate courses and extend their understanding of key concepts covered in their course. Social Research Methods provides student readers with essential help with their research project, with revising for their course exams, preparing and writing course assessment materials, and enhancing and progressing their knowledge and thinking skills in line with course requirements on Research Methods courses. This Course Companion is designed to augment, rather than replace, existing textbooks for the course, and will provide: * Helpful summaries of the course curriculum to aid essay and project planning * Key summaries of the approach taken by the main Methods textbooks * Guidance on the essential study skills required * Help with developing critical thinking * Route-maps to aid the development of wider learning above and beyond the textbook * Pointers to success in course exams and written assessment exercises * A tutor’s-eye view of what course examiners are looking for * An insider’s view of what key course concepts are really all about SAGE Course Companions are much more than revision guides for undergraduate; they are an essential tool to taking your course learning and understanding to new levels and in new directions that are the key to success in undergraduate courses.

"The aim of this book is to provide guidelines for preparing papers and presentations so that your message can be transmitted clearly and concisely to the reader or listener. Techniques for improving your writing, literature searching and training students in communication are also discussed. In this revised edition a few more topics have been added, such as electronic submission of manuscripts, writing statistics, and writing research proposals." -- Publisher's description.

Davis (agronomy), Kaaron Davis (agricultural, food and life sciences), and Marion Dunagan (business, all U. of Arkansas) offer fledging scientists advice about the professional communications requirements they will face as graduate students and working scientists. They cover many aspects lightly, and refer readers to more specialized treatments for greater detail. Their topics include organizing and writing a rough draft, graduate theses and dissertations, publishing data, visual aids for presentations, and communicating with nonscientists. Previous editions were published in 1996 and 2004. Academic Press is an imprint of Elsevier. Annotation ©2012 Book News, Inc., Portland, OR (booknews.com).

research papers, from business reports to dissertations. The basic ingredients of a paper: Introduction, body, conclusion, and bibliography. Notetaking methods and strategies for conducting clinical research. This book provides a comprehensive overview of the current knowledge on writing and publishing scientific research papers and the social context. It presents a global perspective and an international focus. To find out more, visit our website at scientificmethodpaper.example.
observation such as ‘children have 20 deciduous teeth’ is not a fact, and, by itself, it is not acceptable as a scientific statement until its terms are explained: scientifically, ‘children have 20 deciduous teeth’ must be accompanied by definitions and qualifiers.

A step-by-step guide to the preparation and writing of scientific papers and dissertations in the biological, physical and social sciences, offering advice on how to set and achieve writing objectives and how to structure and organize material.

Provides a framework for understanding methodological issues and assists with the effective definition and planning of research.

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