

A Dictionary Of Chemistry Oxford Quick Reference

The Concise Oxford Dictionary of Linguistics
The Concise Oxford Dictionary of Mathematics
A Dictionary of Science
A Dictionary of Chemistry
The Oxford Dictionary of Late Antiquity
A Dictionary of Geology and Earth Sciences
The Oxford Dictionary of Difficult Words
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Chemistry: A Very Short Introduction
The New Oxford Dictionary of English
A Dictionary of Finance and Banking
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Chemical Structure and Reactivity
Oxford Dictionary of Biochemistry and Molecular Biology
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The Concise Oxford Dictionary of Linguistics

The Oxford Dictionary of Late Antiquity is the first comprehensive reference book covering every aspect of history, culture, religion, and life in Europe, the Mediterranean, and the Near East (including the Persian Empire and Central Asia) between the mid-3rd and the mid-8th centuries AD, the era now generally known as Late Antiquity. This period saw the re-establishment of the Roman Empire, its conversion to Christianity and its replacement in the West by Germanic kingdoms, the continuing Roman Empire in the Eastern Mediterranean, the Persian Sassanian Empire, and the rise of Islam. Consisting of over 1.5 million words in more than 5,000 A-Z entries, and written by more than 400 contributors, it is the long-awaited middle volume of a series, bridging a significant period of history between those covered by the acclaimed Oxford Classical Dictionary and The Oxford Dictionary of the Middle Ages. The scope of the Dictionary is broad and multi-disciplinary; across the wide geographical span covered (from Western Europe and the Mediterranean as far as the Near East and Central Asia), it provides succinct and pertinent information on political history, law, and administration; military history; religion and philosophy; education; social and economic history; material culture; art and architecture; science; literature; and many other areas. Drawing on the latest scholarship, and with a formidable international team of advisers and contributors, The Oxford Dictionary of Late Antiquity aims to establish itself as

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the essential reference companion to a period that is attracting increasing attention from scholars and students worldwide.

The Concise Oxford Dictionary of Mathematics

This new dictionary covers a wide range of terms used in the field of forensic science, touching on related disciplines such as chemistry, biology, and anthropology. Case examples, figures, and photographs make it the ideal reference for students and practitioners of forensic science, as well as those with an interest in forensic science.

A Dictionary of Science

This bestselling dictionary contains more than 9,500 entries on all aspects of chemistry, physics, biology (including human biology), earth sciences, computer science, and astronomy. This fully revised edition includes hundreds of new entries, such as bone morphogenetic protein, Convention on Biological Diversity, genome editing, Ice Cube experiment, multi-core processor, PhyloCode, quarkonium, and World Wide Telescope, bringing it fully up to date in areas such as nanotechnology, quantum physics, molecular biology, genomics, and the science of climate change. Supported by more than 200 diagrams and illustrations the dictionary features recommended web links for many entries, accessed and kept up-to-date via the Dictionary of Science companion website. Other features include short biographies of leading

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scientists, full page illustrated features on subjects such as the Solar System and Genetically Modified Organisms, and chronologies of specific scientific subjects including plastics, electronics, and cell biology. With concise entries on an extensive list of topics, this dictionary is both an ideal reference work for students and a great introduction for non-scientists.

A Dictionary of Chemistry

Fundamental but up-to-date information is provided, arranged under 17,000 headwords. Descriptions of around 2000 enzymes and proteins are given, with details of laws, constants and formulae, in this handy reference volume.

The Oxford Dictionary of Late Antiquity

Now with over 4,000 entries, this new eighth edition has been fully updated to reflect progress in physics and related fields. It sees expansion to the areas of cosmology, astrophysics, condensed matter, quantum technology, and nanotechnology, with 125 new entries including Deep Underground Neutrino Experiment, kilonova, leptoquark, and muscovium. The dictionary's range of appendices, updated for the new edition, includes the periodic table, the electromagnetic spectrum, and a detailed chronology of key dates. 15 new diagrams add to the clarity and accessibility of the text, with 150 line drawings, tables, and graphs in total, and many entries contain recommended web links. This popular dictionary

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remains the most up-to-date of its kind: the essential introductory reference tool for students encountering physics terms and concepts, as well as for professionals and anyone with an interest in the subject.

A Dictionary of Geology and Earth Sciences

This dictionary provides over 9,000 A to Z entries on scientific and social aspects of the environment--its key thinkers, treaties, movements, organizations, concepts, and theories. Covers subjects such as sustainable development, biodiversity, and environmental ethics.

The Oxford Dictionary of Difficult Words

This wide-ranging and authoritative dictionary contains over 7,100 entries covering all areas of business and management, including marketing, organizational behaviour, business strategy, law, and taxation. In its sixth edition, it features the very latest developments, such as those relating to information technology (including mobile technology), and the financial crisis and the subsequent sovereign debt crisis. Entries have been updated to refer to recent events and news in the field, for example the LIBOR scandal. Over 100 new entries have been added including bitcoin, Cog's Ladder, mobile commerce, Six Sigma, social media, theory of institutional deficiencies, and zero-hours contract. Furthermore, there is expanded coverage of areas such as financial

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regulation and corporate social responsibility, with a number of new entries offering insight into these topics, including aw-shucks defence and Financial Conduct Authority. The new edition of this established bestselling dictionary elucidates modern financial and management jargon, defining entries in a clear, concise, and accessible manner. With recommended web links for many entries, accessible and kept up to date via the Dictionary of Business and Management companion website, this edition is more informative than ever. This A--Z reference work is essential for business students, teachers and professionals, and useful for anyone needing a guide to business terminology.

A Dictionary of Biology

Searchable database of terms found in chemistry, covering laboratory techniques, chemical engineering, and environmental matters.

A Dictionary of Forensic Science

This popular dictionary, formerly published as the Penguin Dictionary of Electronics, has been extensively revised and updated, providing more than 5,000 clear, concise, and jargon-free A-Z entries on key terms, theories, and practices in the areas of electronics and electrical science. Topics covered include circuits, power, systems, magnetic devices, control theory, communications, signal processing, and telecommunications, together with coverage of applications areas such as image processing, storage,

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and electronic materials. The dictionary is enhanced by dozens of equations and nearly 400 diagrams. It also includes 16 appendices listing mathematical tables and other useful data, including essential graphical and mathematical symbols, fundamental constants, technical reference tables, mathematical support tools, and major innovations in electricity and electronics. More than 50 useful web links are also included with appropriate entries, accessible via a dedicated companion website. A Dictionary of Electronics and Electrical Engineering is the most up-to-date quick reference dictionary available in its field, and is a practical and wide-ranging resource for all students of electronics and of electrical engineering.

The Oxford Dictionary of Philosophy

Chemical Structure and Reactivity: An Integrated Approach rises to the challenge of depicting the reality of chemistry. Offering a fresh approach, it depicts the subject as a seamless discipline, showing how organic, inorganic, and physical concepts can be blended together to achieve the common goal of understanding chemical systems.

A Dictionary of Business and Management

This dictionary covers all aspects of finance and banking, from personal investments to international trading.

A Dictionary of Environment and Conservation

Fully revised and updated with over 4,000 entries, this dictionary covers all the commonly encountered terms in chemistry, including physical chemistry and biochemistry.

Oxford Chemistry Study Dictionary

Fully revised and updated, the seventh edition of this popular dictionary is the ideal reference resource for students of chemistry, either at school or at university. With over 5000 entries--over 175 new to this edition--it covers all aspects of chemistry, from physical chemistry to biochemistry. The seventh edition boasts broader coverage in areas such as nuclear magnetic resonance, polymer chemistry, nanotechnology and graphene, and absolute configuration, increasing the dictionary's appeal to students in these fields. New diagrams have been added and existing diagrams updated to illustrate topics that would benefit from a visual aid. There are also biographical entries on key figures, featured entries on major topics such as polymers and crystal defects, and a chronology charting the main discoveries in atomic theory, biochemistry, explosives, and plastics.

Chemistry: A Very Short Introduction

This dictionary contains over 4,300 entries covering all aspects of astronomy from astrophysics and

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cosmology to galaxies and time. Major entries include Big Bang theory, relativity and variable stars. Biographical entries on eminent astronomers are also included.

The New Oxford Dictionary of English

Authoritative and up-to-date, this is the perfect reference book for students of chemistry, whether at school or university. The fully revised new edition has over 1000 new entries and covers all the commonly encountered terms in chemistry, including physical chemistry and biochemistry.

A Dictionary of Finance and Banking

This leading dictionary contains over 6,150 entries covering all aspects of food and nutrition, diet and health. Jargon-free definitions make this a valuable dictionary that clearly explains even the most technical of nutritional terms. From absinthe to zymogens, it covers types of food (including everyday foods and little-known foods, e.g. payusnaya), nutritional information, vitamins, minerals, and key scientific areas including metabolism and genomics. This new and fully revised edition features many entry-level web links, updated and conveniently accessible via the Dictionary of Food and Nutrition companion website, providing relevant extra information. Expanded appendices contain a wealth of useful material, including Recommended Daily Allowance lists. An essential A-Z for nutritionists, food manufacturers, caterers, health-care students, food

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science/technology students, and anyone who has an interest in, or enjoys, food and wants to find out more about what they eat.

A Dictionary of Chemistry

This new dictionary provides a quick and authoritative point of reference for chemical engineering, covering areas such as materials, energy balances, reactions, and separations. It also includes relevant terms from the areas of chemistry, physics, mathematics, and biology.

A Dictionary of Nursing

Offers more than 4,300 entries defining chemistry terms, including information on important figures and covering such areas as metallurgy, forensic science, and materials science.

Oxford Dictionary of Chemistry

The first IUPAC Manual of Symbols and Terminology for Physicochemical Quantities and Units (the Green Book) of which this is the direct successor, was published in 1969, with the object of 'securing clarity and precision, and wider agreement in the use of symbols, by chemists in different countries, among physicists, chemists and engineers, and by editors of scientific journals'. Subsequent revisions have taken account of many developments in the field, culminating in the major extension and revision represented by the 1988 edition under the simplified

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title Quantities, Units and Symbols in Physical Chemistry. This 2007, Third Edition, is a further revision of the material which reflects the experience of the contributors with the previous editions. The book has been systematically brought up to date and new sections have been added. It strives to improve the exchange of scientific information among the readers in different disciplines and across different nations. In a rapidly expanding volume of scientific literature where each discipline has a tendency to retreat into its own jargon this book attempts to provide a readable compilation of widely used terms and symbols from many sources together with brief understandable definitions. This is the definitive guide for scientists and organizations working across a multitude of disciplines requiring internationally approved nomenclature.

A Dictionary of Chemistry

This dictionary incorporates new material on the major developments of the last few years, including public health medicine, genetics and organ transplantation. The dictionary includes more than 10,200 clear and concise entries.

A Dictionary of Mechanical Engineering

This is the most popular dictionary of physics available, and contains almost 4,000 entries covering all commonly encountered physics terms and concepts. It also defines many terms from the related fields of astronomy, astrophysics, and physical

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chemistry. With over 200 new entries and full revision of the existing text, A Dictionary of Physics is as essential a reference tool as before. The dictionary is generously illustrated with over 120 diagrams, graphs, and tables and it also contains biographies of important scientists. Recommended web links are also included to provide useful and relevant extra information, and are accessible and kept up to date via the Dictionary of Physics companion web page. Appendices include SI units, the solar system, and the electromagnetic spectrum, plus a list of Nobel Prize winners and a chronology of key dates in physics. This fully revised and updated A-Z is an ideal introduction to the subject for anyone with an interest in physics, and it remains an indispensable reference work for students of physics and physics-related subjects (either at school or at university), and professionals.

Encyclopedic Dictionary of Named Processes in Chemical Technology, Fourth Edition

The Oxford Dictionary of Biochemistry and Molecular Biology provides a comprehensive survey of current biochemistry and molecular biology. The entries are short but informative, providing up-to-date information on a broad range of topics. There are over 17,000 main entries, which give details of biochemical substances and the processes in which they are involved, define methods and concepts in molecular biology, and give definitions of biochemical symbols and abbreviations. Alternative names for biochemical compounds are listed and will refer the reader to the

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main entry where the internationally recommended biochemical nomenclature is used. Entries also include the structures and activities of chemical compounds of interest to biochemists, with over 800 illustrations of chemical structures. Brief biographical details are provided for relevant Nobel Laureates and for eponyms.

A Dictionary of Chemistry

Fully revised and updated for the seventh edition, this market-leading dictionary is the perfect guide for anyone studying biology, either at school or university. With more than 5,500 clear and concise entries, it provides comprehensive coverage of biology, biophysics, and biochemistry. Over 250 new entries include terms such as Broca's area, comparative genomic hybridization, mirror neuron, and Pandoravirus. Appendices include classifications of the animal and plant kingdoms, the geological time scale, major mass extinctions of species, model organisms and their genomes, Nobel prizewinners, and a new appendix on evolution. Entry-level web links to online resources can be accessed via a companion website.

A Dictionary of Astronomy

This best-selling dictionary contains over 9,000 entries on all aspects of science. It provides comprehensive coverage of biology (including human biology), chemistry, physics, the earth sciences, and astronomy. The entries are supported by over 200

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clear diagrams and illustrations, and fully cross-referenced for ease of use. Other features include short biographies of leading scientists, full page illustrated features on subjects such as the Solar System and Genetically Modified Organisms, and chronologies of specific scientific subjects including plastics, electronics, and cell biology. Both concise and wide-ranging, this dictionary is an ideal handy reference work for students, and a great introduction for non-scientists.

A Dictionary of Electronics and Electrical Engineering

A major new edition of the best-selling and most authoritative paperback dictionary of philosophy available. Contains over 3,000 entries, including over 500 new entries, as well as biographies of nearly 500 philosophers. A wide-ranging and reliable source of reference for advanced students, a solid support for teachers, and an excellent introduction to philosophy for beginners. - ;This best-selling dictionary is written by one of the most famous philosophers of our time, and widely recognised as the best dictionary of its kind. Wide-ranging and authoritative, it covers every aspect of philosophy from Aristotle to Zen. Clear, concise and easy to use, it provides lively and accessible coverage of not only Western philosophical traditions, but also themes from Chinese, Indian, Islamic, and Jewish philosophy. Entries include over 500 biographies of famous and influential philosophers, in-depth analysis of philosophical terms and concepts, and a chronology of philosophical

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events stretching from 10,000 BC to the present day. The first edition of this dictionary became a market leader and a standard work of reference, selling over 100,000 copies. Now the author, Professor Simon Blackburn, has revised and updated it to include over 500 new entries including terms from related disciplines such as religion, science and logic. Fully cross-referenced and containing over 3,000 alphabetical entries, this dictionary is the ideal introduction to philosophy for beginners, and an essential work of reference for more advanced students and teachers. -

A Dictionary of Science

This work is the most authoritative and up-to-date dictionary of linguistics available. Written by Peter Matthews, Professor of Linguistics at Cambridge University, the book provides concise and informative entries across the whole field of linguistics from phonetics to formal semantics and includes world-wide coverage of languages and language families.

A Dictionary of Chemical Engineering

A Dictionary of Chemistry is a popular and authoritative guide to all aspects of its discipline. With over 5,000 entries, its broad coverage includes physical chemistry and biochemistry, and is heavily informed by the most current research. For this eighth edition, the Dictionary has been fully revised, making it the most up-to-date reference work of its kind. Almost 200 entirely new entries have been added,

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including bioethanol, genome, molecular spintronics, oganesson, phosphorylation, and reticular chemistry. Areas such as analytical chemistry, environmental chemistry, and organic chemistry have been expanded to reflect recent developments in the field. The dictionary's supplementary material has also been enhanced as new diagrams provide readers with useful visual aids, and the appendices have been substantially updated. All web links have been revised and updated, and are easily accessible via the companion website.

A Dictionary of Chemistry

First Published in 1999. Routledge is an imprint of Taylor & Francis, an informa company.

Quantities, Units and Symbols in Physical Chemistry

1300 special Australian and N.Z. English entries. 2,000 new words that have recently entered the language. Guidance on how words are used today, including hotly disputed points, ranging from the split infinitive to politically correct language.

A Dictionary of Physics

A Dictionary of Chemistry

Since the third edition of this reference was completed, there have been major changes in the

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global chemical industry. With less emphasis on new processes for making basic chemicals and more emphasis on pollution prevention and waste disposal, petrochemical processes are giving way to biochemical processes. These changes are reflected in the new processes being developed, many of which have their own names. In addition, niche improvements are still being made in petrochemistry, and some of these processes have new names as well. Gathering and defining a large portion of special named processes that may fall outside standard chemical texts or be scattered among industry manuals, *Encyclopedic Dictionary of Named Processes in Chemical Technology, Fourth Edition* provides a single-source reference on an extensive array of named processes. It provides concise descriptions of those processes in chemical technology that are known by special names that are not self-explanatory. While overviews of the chemical technology industry are present in other books, most of the names defined within this volume are unique to this compilation. This reference includes named processes in current commercial use around the world, processes that have been or are being piloted on a substantial scale, and even obsolete processes that have been important in the past. The length of the dictionary entries reflects their importance and topicality. The text includes references that document the origins of the processes and review the latest developments. Written by a highly experienced and respected author, this user-friendly text is presented in a practical dictionary format that is useful for a broad audience including industrial chemists and engineers.

Oxford dictionary of biochemistry and molecular biology

Previously named A Dictionary of Computing, this bestselling dictionary has been renamed A Dictionary of Computer Science, and fully revised by a team of computer specialists, making it the most up-to-date and authoritative guide to computing available. Containing over 6,500 entries and with expanded coverage of multimedia, computer applications, networking, and personal computer science, it is a comprehensive reference work encompassing all aspects of the subject and is as valuable for home and office users as it is indispensable for students of computer science. Terms are defined in a jargon-free and concise manner with helpful examples where relevant. The dictionary contains approximately 150 new entries including cloud computing, cross-site scripting, iPad, semantic attack, smartphone, and virtual learning environment. Recommended web links for many entries, accessible via the Dictionary of Computer Science companion website, provide valuable further information and the appendices include useful resources such as generic domain names, file extensions, and the Greek alphabet. This dictionary is suitable for anyone who uses computers, and is ideal for students of computer science and the related fields of IT, maths, physics, media communications, electronic engineering, and natural sciences.

A Dictionary of Zoology

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Each entry has two parts; a concise dictionary definition and an expanded description which more fully explains each term or concept The dictionary has a selection of 'commentary pages', specially written to explain more complex issues in context Diagrams and charts are included wherever they can help a student's understanding Students are referred to other words which may help their understanding of a term or concept. **UNIQUE:** each entry has two parts; a concise 'dictionary' definition and an expanded description which more fully explains each term or concept **COMMENTARY PAGES:** the dictionary has a selection of 'commentary pages', specially written to explain more complex issues in context **ILLUSTRATIONS:** diagrams and charts are included wherever they can help a student's understanding **CROSS-REFERENCES:** students are referred to other words which may help their understanding of a term or concept

A Dictionary of Physics

A Dictionary of Mechanical Engineering is one of the latest additions to the market leading Oxford Paperback Reference series. In over 8,500 clear and concise A to Z entries, it provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement. Where relevant, the dictionary also touches on related subject areas such as acoustics,

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bioengineering, chemical engineering, civil engineering, aeronautical engineering, environmental engineering, and materials science. Useful entry-level web links are listed and regularly updated on a dedicated companion website to expand the coverage of the dictionary. Cross-referenced and including many line drawings, this excellent new volume is the most comprehensive and authoritative dictionary of its kind. It is an essential reference for students of mechanical engineering and for anyone with an interest in the subject.

Dictionary of Physics

The only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. With over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. - ;This is the only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. Now with over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. It is illustrated with clear line drawings, and supported by useful appendices on the genetic code, endangered animals, and SI units. Wide coverage including animal behaviour, ecology, physiology, genetics, cytology, evolution, Earth history, zoogeography. Full taxonomic coverage of arthropods, other invertebrates, fish, reptiles, amphibians, birds, and

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mammals. Completely revised to incorporate the discovery of 'extremophiles' - organisms living in environments formerly considered impossibly hostile - and the taxonomic reclassification that this has entailed. Featuring entries on genetics, evolutionary studies, and mammalian physiology. -

A Dictionary of Chemistry

This new edition includes 10,000 entries which cover all areas of geoscience, including planetary science, oceanography, palaeontology, mineralogy and volcanology. In this edition, 675 new entries have been added, and include expanded coverage of planetary geology and earth-observing-satellites. Other new entries terms such as lanamox, Boomerangian, earth rheological layering, and metamorphic rock classification. The entries are also complemented by more than 130 diagrams and numerous web links that are listed on a regularly updated dedicated companion website. Appendices supplement the A-Z and have been extended to include three new tables on the Torino Impact Hazard Scale, Avalanche Classes, and the Volcanic Explosivity Index. The list of satellite missions has also been revised and updated to include recent developments. A Dictionary of Geology and Earth Sciences is an authoritative, and jargon-free resource for students of geology, geography, geosciences, physical science, and those in related disciplines.

A Dictionary of Computer Science

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Presents phonetic transcriptions and definitions for thousands of words that are difficult to spell, define, or pronounce.

Chemical Structure and Reactivity

Authoritative and reliable, this A-Z provides jargon-free definitions for even the most technical mathematical terms. With over 3,000 entries ranging from Achilles paradox to zero matrix, it covers all commonly encountered terms and concepts from pure and applied mathematics and statistics, for example, linear algebra, optimisation, nonlinear equations, and differential equations. In addition, there are entries on major mathematicians and on topics of more general interest, such as fractals, game theory, and chaos. Using graphs, diagrams, and charts to render definitions as comprehensible as possible, entries are clear and accessible. Almost 200 new entries have been added to this edition, including terms such as arrow paradox, nested set, and symbolic logic. Useful appendices follow the A-Z dictionary and include lists of Nobel Prize winners and Fields' medallists, Greek letters, formulae, and tables of inequalities, moments of inertia, Roman numerals, a geometry summary, additional trigonometric values of special angles, and many more. This edition contains recommended web links, which are accessible and kept up to date via the Dictionary of Mathematics companion website. Fully revised and updated in line with curriculum and degree requirements, this dictionary is indispensable for students and teachers of mathematics, and for

anyone encountering mathematics in the workplace.

Oxford Dictionary of Biochemistry and Molecular Biology

Fully revised and updated, the seventh edition of this popular dictionary is the ideal reference resource for students of chemistry, either at school or at university. With over 5000 entries—over 175 new to this edition—it covers all aspects of chemistry, from physical chemistry to biochemistry. The seventh edition boasts broader coverage in areas such as nuclear magnetic resonance, polymer chemistry, nanotechnology and graphene, and absolute configuration, increasing the dictionary's appeal to students in these fields. New diagrams have been added and existing diagrams updated to illustrate topics that would benefit from a visual aid. There are also biographical entries on key figures, featured entries on major topics such as polymers and crystal defects, and a chronology charting the main discoveries in atomic theory, biochemistry, explosives, and plastics.

A Dictionary of Food and Nutrition

Most people remember chemistry from their schooldays as largely incomprehensible, a subject that was fact-rich but understanding-poor, smelly, and so far removed from the real world of events and pleasures that there seemed little point, except for the most introverted, in coming to terms with its grubby concepts, spells, recipes, and rules. Peter

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Atkins wants to change all that. In this Very Short Introduction to Chemistry, he encourages us to look at chemistry anew, through a chemist's eyes, in order to understand its central concepts and to see how it contributes not only towards our material comfort, but also to human culture. Atkins shows how chemistry provides the infrastructure of our world, through the chemical industry, the fuels of heating, power generation, and transport, as well as the fabrics of our clothing and furnishings. By considering the remarkable achievements that chemistry has made, and examining its place between both physics and biology, Atkins presents a fascinating, clear, and rigorous exploration of the world of chemistry - its structure, core concepts, and exciting contributions to new cutting-edge technologies. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.

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FICTION](#)