

[Book] The Dictionary Of Science

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In addition to more than 5000 alphabetically arranged entries, this dictionary includes over 20 chronologies charting scientific development; over 400 diagrams; and a host of tables and appendices. Complementing the text is a set of feature articles, compiled by experts in the field, that examine developments at the frontiers of science today and the great discoveries and In addition to more than 5000 alphabetically arranged entries, this dictionary includes over 20 chronologies charting scientific development; over 400 diagrams; and a host of tables and appendices. Complementing the text is a set of feature articles, compiled by experts in the field, that examine developments at the frontiers of science today and the great discoveries and experiments that have changed history. Together, they provide a stimulating overview of the world of science.

A Dictionary of Science-

Jonathan Law 2017-03-15 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

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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 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.

Dictionary of Scientific Principles-Stephen Marvin
2012-11-27 Dictionary of Scientific Principles presents a unique and timeless collection of (almost) all known rules or laws commonly called principles, identified throughout the history of scientific development, their definition, and use. Exploring a broad range of disciplines, the book first lists more than 2,000 principles organized in a standard alphabetical order, then provides a list of subject headings for which related principles are identified. A staple addition to every library, the dictionary will also be of interest to scientists and general readers.

Illustrated Dictionary of Science-Corinne Stockley
2012-02-01 This great study aid has topics arranged thematically so that words are explained in context, with a fully integrated system of cross-referencing plus a comprehensive index.

Science Dictionary-Seymour

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Simon 2012 More than two thousand entries, in subjects from astronomy to zoology, are accompanied by tables and charts, as well as biographies of eighty-five scientists.

The Dictionary of Science for Gardeners-Michael Allaby 2015-09-05 A Library Journal Best Reference Pick of 2015! Every gardener is a scientist. Pollination, native plants, ecology, climatology—these are just a few of the scientific concepts that play a key role in a successful garden. While the ideas are intuitive to many gardeners, they are often discussed in unfamiliar scientific terms. The Dictionary of Science for Gardeners is the first of its kind to provide practical scientific descriptions for gardening terms. Highlighting 16 branches of science that are of particular interest to gardeners, with entries from abaptation to zoochory, Michael Allaby explores more than 6,000 terms in one easy-to-use reference.

Dictionary of Science-Peter Lafferty 1997

A Dictionary of Science, Literature, & Art-William Thomas Brande 1875

Chambers Dictionary of Science and Technology-John Lackie 2007 Unrivalled coverage of modern scientific terms

Academic Press Dictionary of Science and Technology-Christopher G. Morris 1992-09-10 Over 125,000 entries cover 124 scientific and technological fields, including acoustical engineering, cartography graphic arts, microbiology, organic chemistry, radiology, and zoology

The Usborne Illustrated Dictionary of Science-Corinne Stockley 2007 Contains key terms and concepts of physics, chemistry and biology, arranged thematically and cross-referenced within and

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between the three sections.

Dictionary of Cognitive

Science-Olivier Houdé

2004-03 A translation of the renowned French reference book, *Vocabulaire de sciences cognitives*, the *Dictionary of Cognitive Science* presents comprehensive definitions in more than 120 subjects.

Topics range from 'Abduction' to 'Writing', and each entry is covered from as many perspectives as possible within the domains of psychology, artificial intelligence, neuroscience, philosophy, and linguistics. The editor and his advisory board, each a specialist in one of these areas, have brought together 60 internationally recognized scholars to give the reader a comprehensive understanding of the most current and dynamic thinking in the cognitive sciences.

Dictionary of Scientific

Literacy-Richard P. Brennan

1992 Intended for laypeople and non-science majors, this volume provides over 650 terms covering such areas of

science as astrology, medicine, mathematics, and computer science

Dictionary of Biomedical

Science-Peter J. Gosling

2002-03-28 Do you want to know what inherited defect causes thalassaemia? Do you understand the significance of "resistance" when applied to microbiology? Can you say what a "frozen section" really is? The *Dictionary of Biomedical Sciences* answers all these questions and more. This informative, practical guide contains over 8000 entries that define all the ba

Penguin Dictionary of

Science-M. J. Clugston

2014-08-07 The *Penguin Dictionary of Science* covers all the important topics in this key subject area including chemistry, physics, molecular biology, biochemistry, genetics, human anatomy and physiology, mathematics, astronomy and computing. Superbly comprehensive and accessible, this newly updated dictionary is the ideal reference tool for anyone who

needs to understand scientific terms, whether student, researcher or enthusiastic layperson. Provides clear definitions of some 7,000 scientific terms Gives succinct explanations of fundamental terms (ammonia, base pairing, cell) and more specialist concepts (allosteric enzyme, Bravais lattice, close packing) Covers individual elements and chemical compounds in detail Includes hundreds of illustrations and diagrams

A Dictionary of Scientific Quotations

-Alan L. Mackay
2019-04-04 Science affects us all-in the words of Albert Einstein, "The whole of science is nothing more than a refinement of everyday thinking." It is therefore fascinating to discover the thoughts of scientists, philosophers, humanists, poets, theologians, politicians, and other miscellaneous mortals on this most important of subjects. A Dictionary of Scientific Quotations is a personal selection of scientific quotations by Professor Alan L Mackay that includes graffiti, lines of song,

proverbs, and poetry. Whether you believe that "All problems are finally scientific problems" (George Bernard Shaw) or that "Imagination is more important than knowledge" (Einstein), it is without doubt that "It is a good thing for an uneducated man to read books of quotations" (Churchill). You will be charmed and delighted by this collection and remember, "Why," said the Dodo, "the best way to explain it is to do it" (Alice in Wonderland, Lewis Carroll).

Dictionary of Science-Neil Ardley 2000-06 A cross-referenced volume provides concise definitions of more than two thousand words and concepts while offering examples of how each word is used in context, enabling young readers to become familiar with the fundamental principles of science

Dictionary of Scientific and Technical Terminology-2013-11-11 Scientific and technical contacts between nations· have necessitated the

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publication of various language textbooks, manuals and reference books. Particularly important among them are multilingual scientific and technical dictionaries. This English-German-French-Dutch-Russian Dictionary of Scientific and Technical Terms contains some 9000 entries. The main feature of the Dictionary is that it includes first and foremost general scientific terms needed by an engineer working in any branch of science and technology. Besides, the Dictionary includes the basic terms used in physics, mathematics, the fundamentals of electrical engineering and chemistry, and also the most essential terms pertaining to manufacturing processes. machine design, testing methods, etc. The Compilers were confronted with a difficult task, as nowadays science and technology are developing rapidly and the minimum scientific and technical vocabulary required by a specialist is increasing accordingly. The Compilers have taken special pains to include the entire basic mod

ern technical vocabulary, omitting superfluous words and phrases. They have tried to solve this problem by selecting mainly those scientific and technical terms which constitute the basic of a specialised vocabulary. Therefore, the Dictionary includes the vocabulary pertaining to general study courses in mathematics, physics and chemistry, and also in electrical engineering, electronics and machine design, given in technical colleges irrespective of their specification. This lends the Dictionary an «all-purpose» character, making it equally useful to scientists and engineers of different countries, who have graduated from colleges with different curricula.

Dictionary of Christianity and Science-Zondervan,

2017-04-25 The definitive reference work on science and Christian belief How does Christian theology relate to scientific inquiry? What are the competing philosophies of science, and do they "work" with a Christian faith based on the Bible? No reference

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work has covered this terrain sufficiently--until now. Featuring entries from over 140 international contributors, the Dictionary of Christianity and Science is a deeply-researched, peer-reviewed, fair-minded work that illuminates the intersection of science and Christian belief. In one volume, you get reliable summaries and critical analyses of over 450 relevant concepts, theories, terms, movements, individuals, and debates. You will find answers to your toughest questions about faith and science, from the existence of Adam and Eve to the age of the earth, evolution and string theory.

FEATURES INCLUDE: Over 450 entries that will help you think through some of today's most challenging scientific topics, including climate change, evolution, bioethics, and much more Essays from over 140 leading international scholars, including Francis Beckwith, Michael Behe, Darrell Bock, William Lane Craig, Hugh Ross, Craig Keener, Davis Young, John Walton, and many more Multiple-view essays on controversial topics allow you

to understand and compare differing Christian viewpoints Learn about flesh-and-blood figures who have shaped the interaction of science and religion: Augustine, Aquinas, Bacon, Darwin, and Stephen Hawking are just the beginning Fully cross-referenced, entries include references and recommendations for further reading Advance Praise: "Every Christian studying science will want a copy within arm's reach." --Scot McKnight, Northern Seminary "This is an invaluable resource that belongs in every Christian's library. I will be keeping my copy close by when I'm writing." --Lee Strobel, Elizabeth and John Gibson chair of apologetics, Houston Baptist University "Sparkles with passion, controversy, and diverse perspectives."--Karl Giberson, professor of science and religion, Stonehill College "An impressive resource that presents a broad range of topics from a broad tent of evangelical scholars."--Michael R. Licona, Houston Baptist University "I am certain that this dictionary will serve the church for many

years in leading many to demonstrate that modern science can glorify our Creator and honor his creation." --Denis O. Lamoureux, University of Alberta "'Dictionary' is too humble a label for what this is! I anticipate that this will offer valuable guidance for Christian faithfulness." --C. John Collins, Covenant Theological Seminary

Get answers to the difficult questions surround faith and science! Adam and Eve | the Age of the Earth | Climate Change | Evolution | Fossil Record | Genesis Flood | Miracles | Cosmology | Big Bang theory | Bioethics | Darwinism Death | Extraterrestrial Life | Multiverse | String theory | and much, much more

Dictionary of Science and Technology-S. M. H. Collin 2003 This fully up-to-date second edition gives clear and concise definitions for hundreds of new terms.

The American Heritage Science Dictionary-

American Heritage Dictionary 2005 Accessible and packed with great information, this new science dictionary offers readers a handy reference to everything from quarks to protoplasm, featuring 8,500 entries, 350 photographs and drawings, and much, much more.

Concise Dictionary of Materials Science-Vladimir Novikov 2002-09-25 A detailed knowledge of the terminology and its background is necessary for a fundamental understanding of the professional literature in the field of materials science. This sharply focused, authoritative lexicon affords the reader a coherent idea of microstructure formation and evolution. All the term definitions are supplied with explanations and cross-references, offering a consistent picture of microstructure in metallic and non-metallic polycrystalline materials. Written by an author with over thirty years of teaching and research experience, it fills the terminological gap between the textbooks on materials

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science and the professional literature. Concise Dictionary of Materials Science: Structure and Characterization of Polycrystalline Materials contains more than 1400 terms commonly used in modern literature, research, and practice. Throughout the dictionary, the emphasis is on lattice defects and their role in diffusion, plastic deformation and phase transitions, as well as on the granular structure and its formation and changes in the course of phase transitions, recrystallization, and grain growth. In addition, all the entries from the dictionary are presented in the English-German/German-English Glossary, providing in one volume quick access to the key concepts and terms in both of the languages. Highlighting structure description, formation, and characterization, Concise Dictionary of Materials Science is a very useful reference for students in materials science and engineering, for researchers, engineers, and technologists in metalworking, microelectronic, and ceramic

industries, as well as for readers without a technical background.

Webster's New World Dictionary of Science-David Lindley 1998 Defines over seven thousands terms and concepts in the sciences, from acoustics, anthropology, and astronomy, to mathematics, metallurgy, and meteorology, to tectonics, topology, and zoology

Dictionary of Information Science and Technology-Carolyn Watters 1992-04-08 Information science is the study of information phenomena, including the acquisition, storage, and manipulation of data, information, and knowledge. It is by nature an interdisciplinary field. Researchers, managers, system users, and students need access to tools, terms, and techniques that are spread out over a large literature in a number of different disciplines: information retrieval, database management, office

information systems, information technology, communication and networking, relevant computer hardware, and artificial intelligence. This work facilitates the cross-use terms from the various contributing sub-areas of information science. With definitions of one-thousand terms, in alphabetical order, the volume provides a unified, integrated, and concise guide to the field. Each term is annotated by one or more references to the literature. Where possible, the first reference directs the user to a basic or seminal discussion of the term and subsequent references show its usage in an information science-related application. This work will be an indispensable reference for students, researchers, and professionals. Key Features *

- * Contains one-thousand entries and more than 100 illustrations and tables
- * Many entries include enough information (examples, diagrams, and formulas) to allow the reader to make use of the term, model, or algorithm in his or her own application
- * An extensive bibliography (more than 300

references) guides the reader to the details of concepts described in the guide--nearly every entry is annotated by one or more references, both to seminal or basic discussions of the concept and to works that demonstrate its usage in an information science-related application *

- * Each term is followed by a number "key" into the detailed subject outlines at the back of the book, so that each item is given a context within a subject area
- * Entries focus on fundamental concepts, rather than specific technologies

The American Heritage Student Science

Dictionary-American Heritage Dictionary
2014-07-08 Covering a wide variety of scientific fields, more than 4,000 entries with definitions of basic scientific terms are accompanied by illustrations, "Did You Know" sidebars and explanatory notes.

Oxford Student's Science Dictionary 2020-Oxford

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Dictionaries 2020-09 The Oxford Student's Science Dictionary provides comprehensive revision and exam support to secondary school students. This fully updated new edition has more words to match the new curriculum requirements and the higher vocabulary expectations at GCSE and beyond. Its clear layout and helpful diagrams make it contemporary and easy to use.

A Dictionary of Computer Science-Andrew Butterfield 2016-01-28 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.

Historical Dictionary of Science Fiction Cinema-M. Keith Booker 2020 "This second edition of Historical Dictionary of Science Fiction

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Cinema contains a chronology, an introduction, and an extensive bibliography. The dictionary section has over 400 cross-referenced entries on important personalities, films, companies, techniques, themes, and sub genres"--

Dictionnaire de Science Et Technologie-Angelo Francis Dorian 1980-01-15 With over 150,000 terms relating to more than 100 different fields, this dictionary has been compiled to keep pace with the constant development of the many branches of science and technology. Providing rapid access to French and English technical terms, the dictionary also gives precise definitions of the fields to which the terms belong where there may be some ambiguity. Preparation of this dictionary has been a vast project. Its sheer size, and the clarity with which it tackles the obscurities of the two languages, will provide valuable assistance not only to scientists and technologists, but also to translators, libraries, office staff and all those who have to work with

technical French and English literature.

Dictionary of Optometry and Vision Science E-Book-

Michel Millodot 2017-10-19 Completely revised, updated, and redesigned, this classic dictionary by Dr. Michel Millodot continues to be an essential resource for all optometrists in training and in practice, as well as residents in ophthalmology. It is also a crucial source of information for anyone involved in vision science and in the optical industry. It now includes many new entries on pathology, pharmacology, investigative techniques, visual perception, optics and contact lenses. This edition presents all of the features that have made it so successful in the past, such as succinct, understandable definitions, comprehensive tables and illustrations, clinical advice, and extensive cross-references. Uniquely blending the best features of a textbook, a dictionary, and a practical handbook, Dictionary of Optometry and Vision Science remains a cornerstone for all those

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providing eye care, engaged in vision science, or entering the optical industry. Now includes definitions of over 5600 terms, as well as 90 tables and 253 illustrations that enhance understanding of many of the definitions.

CRC Dictionary of Agricultural Sciences-

Robert Alan Lewis 2001-12-21
Contemporary agriculture is a wide-ranging field with its own unique language. As an aid for improving scientific communication for everyone from students to public decision-makers, the CRC Dictionary of Agricultural Sciences provides a comprehensive guide to the terminology of agriculture. It includes every area of agriculture, from traditional farming to environmental sciences to the latest developments in biotechnology and genetics. The dictionary provides: Approximately 15,000 terms
Extensive cross-referencing of closely related entries
Definitions include often-used variants of the principal meaning
More than just a compendium of terms, this

dictionary presents clear, concise definitions in traditional dictionary entry format. From agroecology to wildlife biology, the CRC Dictionary of Agricultural Sciences establishes common ground between the various practitioners involved in agriculture, making interdisciplinary communications easier and more precise. About the author: Dr. Lewis is a world-class scientist and renowned author and editor of numerous scientific papers and books written in English and German. His contributions include research and applications in ecology and agro-ecology; environmental science; environmental and agricultural technology; endocrinology; air pollution sciences; and environmental monitoring and specimen banking. Dr. Lewis has been an academic and government administrator in the United States and Germany and has developed and coordinated several programs of research that were national or international in scope.

Oxford Dictionary of Sports Science and Medicine-

Michael Kent 2006-11-30 With more than 7,500 entries and over 165 illustrations, this dictionary of sports science covers anatomy, biomechanics, exercise physiology, nutrition, sports psychology and sports medicine.

Radiological Sciences Dictionary: Keywords, names and definitions-

David Dowsett 2009-03-27 The Radiological Sciences Dictionary is a rapid reference guide for all hospital staff employed in diagnostic imaging, providing definitions of over 3000 keywords as applied to the technology of diagnostic radiology. Written in a concise and easy to digest form, the dictionary covers a wide variety of subject matter, including: · radiation legislation and measurement · computing and digital imaging terminology · nuclear medicine radionuclides and radiopharmaceuticals · radiographic contrast agents (x-ray, MRI and ultrasound) · definitions used in ultrasound

and MRI technology · statistical expressions and general scientific terms relevant to radiology. Keywords are linked so that a particular topic can be followed by reference to all relevant keywords. In many instances, keywords are further defined by showing worked examples. Additional useful entries to the dictionary include historical reference to notable persons who have contributed to diagnostic imaging, as well as web page contacts for relevant worldwide organisations. The Radiological Sciences Dictionary is an invaluable reference for anyone training or qualified in diagnostic imaging, including radiologists, radiographers, physicists and technicians

Dictionary of Information Science and Technology-

Mehdi Khosrowpour 2012-12-31 "The 2nd edition of the Dictionary of Information Science and Technology is an updated compilation of the latest terms and definitions, along with reference citations, as

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they pertain to all aspects of the information and technology field"--Provided by publisher.

Science Dictionary for Kids-Laurie E. Westphal 2009
A list of scientific terms and their definitions.

Dictionary of Material Science and High Energy Physics-Dipak K. Basu
2018-10-08 More than 3,000 terms with clear, working definitions, alternative meanings, and related references comprise this uniquely focused lexicon. Published in a convenient, paperback format, it covers chemical, energy, nuclear, plasma, condensed matter, and solid-state physics, fluid dynamics, quantum mechanics, quantum optics, thermodynamics, and materials science.

Concise Science Dictionary- 1987 Defines terms and concepts related to physics, chemistry, biology, the earth sciences,

astronomy, mathematics, and computer science

The Dictionary of Science for Gardeners-Michael Allaby 2015-08-26 A Library Journal Best Reference Pick of 2015! Every gardener is a scientist. Pollination, native plants, ecology, climatology—these are just a few of the scientific concepts that play a key role in a successful garden. While the ideas are intuitive to many gardeners, they are often discussed in unfamiliar scientific terms. The Dictionary of Science for Gardeners is the first of its kind to provide practical scientific descriptions for gardening terms. Highlighting 16 branches of science that are of particular interest to gardeners, with entries from abaptation to zoochory, Michael Allaby explores more than 6,000 terms in one easy-to-use reference.

Historical Dictionary of Science Fiction Literature-Brian M. Stableford 2004 This reference tracks the

development of speculative fiction influenced by the advancement of science and the idea of progress from the eighteenth century to the present day. The major authors and publications of the genre and significant subgenres are covered. Additionally there are entries on fields of science and technology which have been particularly prolific in provoking such speculation. The list of acronyms and abbreviations, the chronology covering the literature from the 1700s through the present, the introductory essay, and the dictionary entries provide science fiction novices and enthusiasts as well as serious writers and critics with a wonderful foundation for understanding the realm of science fiction literature. The extensive bibliography that includes books, journals, fanzines, and

websites demonstrates that science fiction literature commands a massive following.

The New Penguin Dictionary of Science-N. J.

Lord 2004 Thoroughly revised and updated, this accessible resource features some seven thousand entries encompassing the full spectrum of scientific knowledge, including chemistry, human anatomy, astronomy, and molecular biology, and provides clear, concise definitions, enhanced by hundreds of diagrams and illustrations. Original.

Dictionary of Scientific Terms-P. Austin Nuttall 1869