

The book was found

Nature's Building Blocks : An A-Z Guide To The Elements

John Emsley

Nature's Building Blocks

1 H							
3 Li	4 Be						
11 Na	12 Mg						
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru
55 Cs	56 Ba		72 Hf	73 Ta	74 W	75 Re	76 Os
87 Fr	88 Ra		104 Rf	105 Db	106 Sg	107 Bh	108 Hs

An A-Z Guide to the Elements

57 La	58 Ce	59 Pr	60 Nd	61 Pm
89 Ac	90 Th	91 Pa	92 U	93 Np



Synopsis

Written by award-winning science writer John Emsley, this informative and highly enjoyable book explains the what, the why and the wherefore of the elements. Arranged alphabetically, from Actinium to Zirconium, it is a complete guide to all the elements that are currently known, with more extensive coverage of those we encounter in our everyday life. The entry on each element reveals where it came from, what role it may have in the human body, the foods that contain it, how it was discovered, its role in human health, the uses and misuses to which it is put, and its environmental role. The new edition includes the three chemical elements discovered since the first edition - Darmstadtium, Roetgenium, and Copernicium - and the section on "transfermium elements" has now been incorporated into the main part of the book. In addition, Emsley has added new information on the economic uses of elements such as Scandium and Gold. Praised by Nature as "amusing and finely crafted," Nature's Building Blocks offers a pleasurable tour of the very essence of our material world.

Book Information

Audible Audio Edition

Listening Length: 25 hours and 19 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Audible Studios

Audible.com Release Date: May 22, 2013

Language: English

ASIN: B00CXSEY90

Best Sellers Rank: #14 in Books > Audible Audiobooks > Science > Chemistry #676 in Books > Science & Math > Chemistry > General & Reference

Customer Reviews

I enjoyed reading this book but I'm not going to repeat what others have already written and eulogize the book's organization and content. You can also "Look Inside" and get a pretty good idea of what the book has to offer. My criticisms are as follows. As some reviewers have stated, the book needs an index. Much could be gained from being able to cross-reference names of elements and compounds. Since index-generating software has been around since the computer stone age, there is no good excuse for not providing one. The table of contents is also too pithy. There is a major section called "The Lanthanides" that isn't even in the table of contents. While it is true, that

someone who reads the whole book will eventually stumble across it, it is also true that it isn't an element A-Z and someone who uses this book only as a reference may never discover it. Another gripe is that while the section called "The Periodic Table" may be a fairly good historical discussion, it is a terrible technical discussion. It offers a disorganized and almost scatterbrained explanation of what a "group" or a "period" is. Readers may also want to know what a "transition element" is and why the lanthanides and actinides are in detached rows. And, why not have a section called "Actinides" since the astute reader may wonder why there is a Lanthanide section but not one for the Actinides? Emsley's discussion of orbitals is so poorly done and mostly confusing to the point that its very existence is irritating. A good discussion of orbitals should have been a core part of the book. Few readers will care about the history of the Periodic Table but a good discussion of orbitals is not easy to find--look elsewhere.

[Download to continue reading...](#)

Block Print: Everything you need to know for printing with lino blocks, rubber blocks, foam sheets, and stamp sets
The Process of Creating Life: Nature of Order, Book 2: An Essay on the Art of Building and the Nature of the Universe (The Nature of Order)(Flexible) Nature's Building Blocks
An A-Z Guide to the Elements Building Blocks, The Whitney Museum of American Art
SCIENCE EXPLORER C2009 BOOK K STUDENT EDITION CHEMICAL BUILDING BLOCKS (Prentice Hall Science Explore)
Sand and Soil: Earth's Building Blocks (Rocks, Minerals, and Resources) Science Explorer, Chemical Building Blocks
Intel Threading Building Blocks: Outfitting C++ for Multi-core Processor Parallelism
Cyber Insurance Basics: an Installment in the Building Blocks Series of Insurance Content
God Has a Plan for Boys and for Girls (Building Blocks of Tob for Kids)
Signals and Boundaries: Building Blocks for Complex Adaptive Systems (MIT Press)
Building Green, New Edition: A Complete How-To Guide to Alternative Building Methods
Earth Plaster * Straw Bale * Cordwood * Cob * Living Roofs (Building Green: A Complete How-To Guide to Alternative)
Index Funds: Index Funds Investing Guide To Wealth Building Through Index Funds
Investing With Index Funds Investing Strategies For Building Wealth Including ... Guide To Wealth Building With Index Funds)
The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 3 - A Vision of a Living World (Center for Environmental Structure, Vol. 11)
The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 4 - The Luminous Ground (Center for Environmental Structure, Vol. 12)
The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 1 - The Phenomenon of Life (Center for Environmental Structure, Vol. 9)
Essential Elements for Band - Book 2 with EEi: Flute (Essential Elements 2000 Comprehensive Band Method)
The Beatles: Essential Elements for Band Correlated

Collections Tuba (Essential Elements Band Method) Essential Elements Christmas Favorites for
Strings: Viola (Essential Elements for Strings) Essential Elements Movie Favorites for Strings: Viola
(Essential Elements for Strings)

[Dmca](#)