



Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More

Chris McMullen

Download now

[Click here](#) if your download doesn't start automatically

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More

Chris McMullen

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More Chris McMullen

UPDATE: The eBook edition was updated on February 15, 2013 and the paperback editions were updated on February 8, 2013.

AUTHOR: Chris McMullen holds a Ph.D. in physics and teaches physics, astronomy, and physical science (including the concepts of chemistry) at Northwestern State University of Louisiana. He is highly regarded for his ability to explain science concepts clearly and to get students interested in learning about science.

OVERVIEW: This book focuses on fundamental chemistry concepts, such as understanding the periodic table of the elements and how chemical bonds are formed. No prior knowledge of chemistry is assumed. The mathematical component involves only basic arithmetic. The content is much more conceptual than mathematical.

AUDIENCE: It is geared toward helping anyone - student or not - to understand the main ideas of chemistry. Both students and non-students may find it helpful to be able to focus on understanding the main concepts without the constant emphasis on computations that is generally found in chemistry lectures and textbooks.

CONTENTS:

- (1) Understanding the organization of the periodic table, including trends and patterns.
- (2) Understanding ionic and covalent bonds and how they are formed, including the structure of valence electrons.
- (3) A set of rules to follow to speak the language of chemistry fluently: How to name compounds when different types of compounds follow different naming schemes.
- (4) Understanding chemical reactions, including how to balance them and a survey of important reactions.
- (5) Understanding the three phases of matter: properties of matter, amorphous and crystalline solids, ideal gases, liquids, solutions, and acids/bases.
- (6) Understanding atomic and nuclear structure and how it relates to chemistry.
- (7) VErBAI ReAcTiONS: A brief fun diversion from science for the verbal side of the brain, using symbols from chemistry's periodic table to make word puzzles.

ANSWERS: Every chapter includes self-check exercises to offer practice and help the reader check his or her understanding. 100% of the exercises have answers at the back of the book.

COPYRIGHT: Teachers who purchase one copy of this book or borrow one copy of this book from a library may reproduce selected pages for the purpose of teaching chemistry concepts to their own students.

EDITIONS: This book is available in paperback in 5.5" x 8.5" (portable size), 8.5" x 11" (large size, ISBN 978-1479201259), and as an eBook. This 5.5" x 8.5" edition is the most portable, while the details of the

figures - including the periodic tables - are most clear in the large size and large print edition (ISBN **978-1479201259**). However, the paperback editions are in black-and-white, whereas the eBook is in color.

 **Download** [Understand Basic Chemistry Concepts: The Periodic ...pdf](#)

 **Read Online** [Understand Basic Chemistry Concepts: The Periodi ...pdf](#)

Download and Read Free Online Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More Chris McMullen

From reader reviews:

Tom Moore:

Now a day people that Living in the era everywhere everything reachable by interact with the internet and the resources included can be true or not require people to be aware of each facts they get. How many people to be smart in having any information nowadays? Of course the reply is reading a book. Examining a book can help folks out of this uncertainty Information particularly this Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More book because this book offers you rich data and knowledge. Of course the data in this book hundred per cent guarantees there is no doubt in it as you know.

John McCraw:

Hey guys, do you would like to finds a new book to see? May be the book with the concept Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More suitable to you? The particular book was written by famous writer in this era. The particular book untitled Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More is the main one of several books that will everyone read now. That book was inspired many people in the world. When you read this reserve you will enter the new age that you ever know prior to. The author explained their concept in the simple way, therefore all of people can easily to comprehend the core of this book. This book will give you a lot of information about this world now. In order to see the represented of the world within this book.

Betty Neal:

The book with title Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More has a lot of information that you can learn it. You can get a lot of gain after read this book. This particular book exist new understanding the information that exist in this book represented the condition of the world right now. That is important to you to understand how the improvement of the world. This specific book will bring you throughout new era of the globalization. You can read the e-book on your own smart phone, so you can read the item anywhere you want.

Timothy Wrobel:

Do you have something that you enjoy such as book? The reserve lovers usually prefer to choose book like comic, limited story and the biggest an example may be novel. Now, why not trying Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More that give your satisfaction preference will be satisfied by means of reading this book. Reading practice all over the world can be said as the means for people to know world much better then how they react when it comes to the world. It can't be stated constantly that reading habit only for the geeky man but for all of you who wants to become success person. So , for all you who want to start studying as your good habit, it is

possible to pick Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More become your personal starter.

**Download and Read Online Understand Basic Chemistry Concepts:
The Periodic Table, Chemical Bonds, Naming Compounds,
Balancing Equations, and More Chris McMullen #D8VU9MFS02X**

Read Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen for online ebook

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen books to read online.

Online Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen ebook PDF download

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen Doc

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen Mobipocket

Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More by Chris McMullen EPub