



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:

Keisha Kent:

As people who live in the modest era should be change about what going on or info even knowledge to make these people keep up with the era which can be always change and progress. Some of you maybe may update themselves by looking at books. It is a good choice in your case but the problems coming to you actually is you don't know which you should start with. This Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More is our recommendation to make you keep up with the world. Why, since this book serves what you want and want in this era.

John Sanchez:

Nowadays reading books be a little more than want or need but also become a life style. This reading addiction give you lot of advantages. The advantages you got of course the knowledge your information inside the book which improve your knowledge and information. The info you get based on what kind of publication you read, if you want get more knowledge just go with knowledge books but if you want really feel happy read one with theme for entertaining including comic or novel. Often the Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More is kind of publication which is giving the reader capricious experience.

Dana Richardson:

Information is provisions for anyone to get better life, information currently can get by anyone in everywhere. The information can be a information or any news even a problem. What people must be consider any time those information which is in the former life are challenging to be find than now could be taking seriously which one is appropriate to believe or which one the actual resource are convinced. If you find the unstable resource then you obtain it as your main information it will have huge disadvantage for you. All those possibilities will not happen inside you if you take Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More as the daily resource information.

Robert Mills:

Is it a person who having spare time in that case spend it whole day through watching television programs or just telling lies on the bed? Do you need something new? This Understand Basic Chemistry Concepts: The Periodic Table, Chemical Bonds, Naming Compounds, Balancing Equations, and More can be the answer, oh how comes? A book you know. You are and so out of date, spending your time by reading in this fresh era is common not a geek activity. So what these books have than the others?

**Download and Read Online Understand Basic Chemistry Concepts:
The Periodic Table, Chemical Bonds, Naming Compounds,
Balancing Equations, and More Chris McMullen #KUFNTB9O8XQ**

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