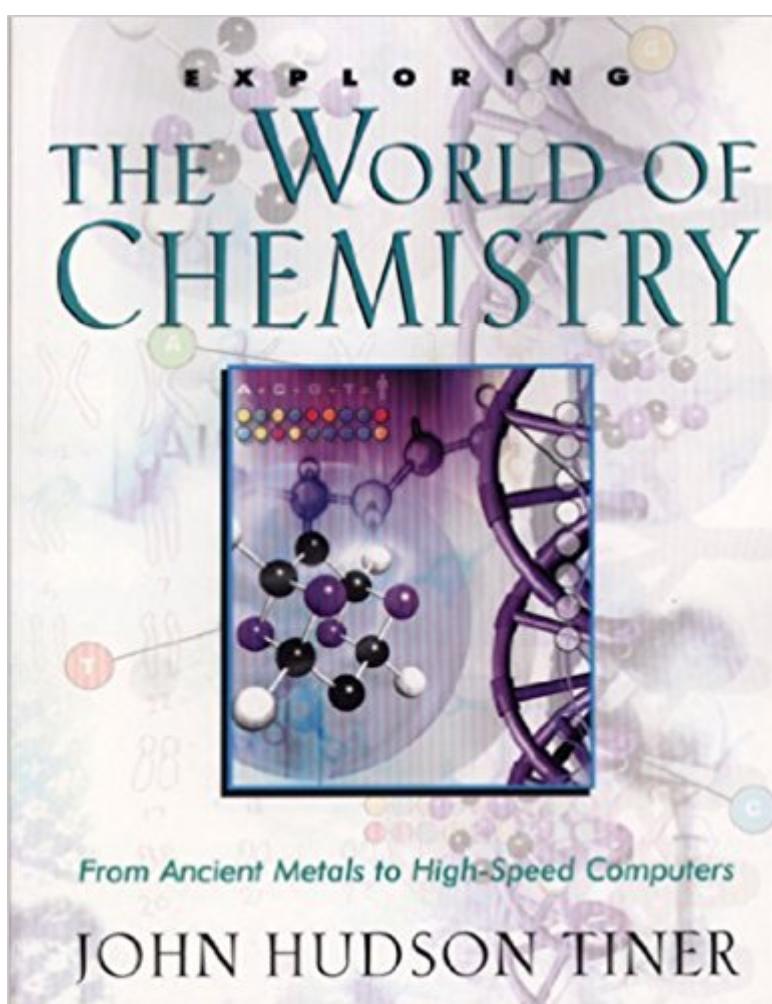


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# Exploring The World Of Chemistry: From Ancient Metals To High-Speed Computers (Exploring Series) (Exploring (New Leaf Press))



## **Synopsis**

Chemistry is an amazing branch of science that affects us every day, yet few people realize it, or even give it much thought. Without chemistry, there would be nothing made of plastic, there would be no rubber tires, no tin cans, no televisions, no microwave ovens, or something as simple as wax paper. This book presents an exciting and intriguing tour through the realm of chemistry as each chapter unfolds with facts and stories about the discoveries and discoverers. Find out why pure gold is not used for jewelry or coins. Join Humphry Davy as he made many chemical discoveries, and learn how they shortened his life. See how people in the 1870s could jump over the top of the Washington Monument. Exploring the World of Chemistry brings science to life and is a wonderful learning tool with many illustrations, biographical information, chapter tests, and an index for easy referencing.

## **Book Information**

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## **Customer Reviews**

This is the only science book that I have ever picked up and just read straight through! I have taken college chemistry and other science courses, as well as having taught jr. high and high school general science and biology--and I have learned things from this book that I had never known before. Mr. Tiner very gently, in a narrative style, begins with elements which were apparent to ancient man--iron, copper, gold, silver--and describes their properties, history, and uses. He then progresses through the periodic chart introducing the elements, and even the sources of their

names. The chapters are brief and interesting, and by the end of the chapters, you have been introduced to the chemical and physical properties of the elements, as well as to the scientist or scientists who discovered them. I plan to use this book as the introduction to each chapter in my children's high school chemistry course. It will make the course much more interesting, as well as to help them see the relevance of chemistry to their own lives. Thank you Mr. Tiner!!! (By the way, this book does not attempt to be a stand-alone, high school chemistry course. It would be excellent for the introduction to chemistry part of a high school level general science course, though.)

I purchased these books for my top 4 students in 5th grade chemistry. In my estimation the subject presentation is appropriate up to the 10th grade. The chapters are given in historical order, starting with ancient times. The lessons are fairly short, maybe 4 pages or so, and are at about a 4th grade reading level. We are finishing the chapters in two 45-minute classes with about 30 minutes of homework each day. Each chapter has its own set of questions to highlight the most important information. We cut out the answer keys with little impact to the integrity of the book. I would not consider this book to be adequate on its own for teaching chemistry, not even at the fifth grade level. As a supplement, it is exceptional.

This book came to us at exactly the right time. My 16 year old daughter and I were plugging away at chemistry and wondering why in the world we were wasting our time! John Hudson Tiner's Exploring the World of Chemistry actually makes sense! Now, we not only know why people study chemistry, but we also understand how various things are made. We learned how chemistry ties in with a lot of the things that we are using in our day-to-day lives. And, guess what? We're pretty amazed by chemistry now! If you're trudging along through chemistry with no end in sight, I'd highly recommend adding this book as a supplement to whatever chemistry curriculum you are using. It's very simple to read, there are black and white illustrations throughout, and each (short) chapter concludes with a question section (these work great for quizzes). I will definitely consider adding more books in this series to our school shelves in the future.

I purchased this book for my daughter as supplemental reading, but the entire family is enjoying it! The style is quick and the vocabulary simple enough to pick up and read a few minutes at a time, but it is packed with interesting information about the history of Chemistry and those who so influenced this science. I also appreciate the Biblical and religious information included throughout the book. My daughter has enjoyed learning of Christian scientists. We will be ordering the rest of

this series of books.

Very interesting material, easy to understand, opens up ideas for further study or research. Best foundation for Chemistry I have ever used, I have homeschooled 5 kids through High School. I am using this for an 8th grader and plan to get all the books in the series for him.

I bought this book for my 12 and 14 y/o children, who are ready to begin their high school chemistry. I used this book to spark their curiosity and sense of wonder. The book accomplishes that very well. It was very interesting read for all of us. It's a great intro but not a textbook, no hard chemistry here. I think it's suitable for scientifically-minded middle school students. I took one star off for two reasons:- text needs some editing, numerous typos. (I overlooked that though.)- I appreciate a Christian slant and a focus on godly scientists but many Bible references are annoyingly out of place. It's distracting. When I see a Bible reference I jump ahead to check whether it contributes to the topic or is added as a bonus. All in all, thank you for the product!

For someone who hated highschool chemistry this was an interesting intro into the people and world of chemistry. A really good book for the student who is interested in the people and history of science and a little bit of chemistry too.

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