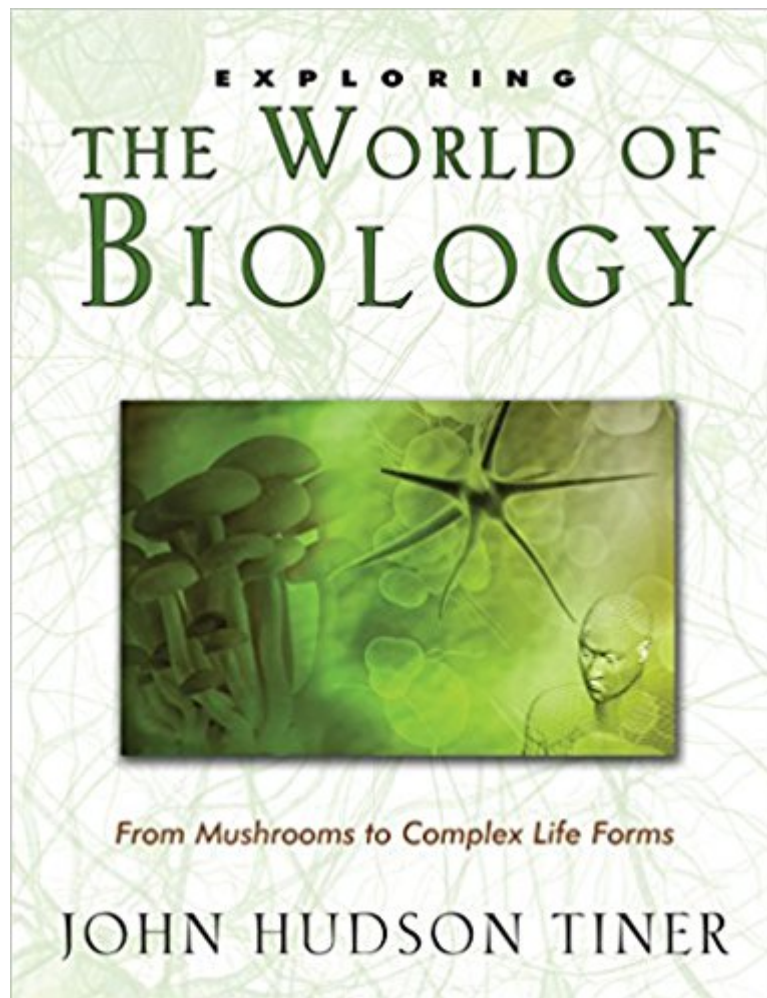




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# Exploring The World Of Biology: From Mushrooms To Complex Life Forms (Exploring Series)



## Synopsis

The field of biology focuses on living things, from the smallest microscopic protozoa to the largest mammal. In this book you will read and explore the life of plants, insects, spiders and other arachnids, life in water, reptiles, birds, and mammals, highlighting God's amazing creation. You will learn about the following and so much more: How does biological classification give each different type of plant or animal a unique name? In what ways are seeds spread around the world? What food does the body use for long-term storage of energy? How did biologists learn how the stomach digested food? What plant gave George de Mestral the idea for Velcro? For most of history, biologists used the visible appearance of plants or animals to classify them. They grouped plants or animals with similar-looking features into families. Starting in the 1990s, biologists have extracted DNA and RNA from cells as a guide to how plants or animals should be grouped. Like visual structures, these reveal the underlying design or creation. The newest book in our Exploring series, *Exploring the World of Biology* is a fascinating look at life - from the smallest proteins and spores, to the complex life systems of humans and animals.

## Book Information

Series: Exploring

Paperback: 160 pages

Publisher: Master Books (January 12, 2009)

Language: English

ISBN-10: 9780890515525

ISBN-13: 978-0890515525

ASIN: 0890515522

Product Dimensions: 8.3 x 0.6 x 10.6 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 12 customer reviews

Best Sellers Rank: #109,993 in Books (See Top 100 in Books) #83 in Books > Children's Books > Education & Reference > Science Studies > Biology #117 in Books > Christian Books & Bibles > Education > Children & Teens #490 in Books > Children's Books > Education & Reference > Math

Age Range: 9 - 12 years

Grade Level: 4 - 7

## Customer Reviews

John Hudson Tiner is a lifelong educator, authoring dozens of books, and has acquired a reputation for writing clearly and concisely about the sciences, history, math, and more. A popular and respected author, he has developed a following among Christian educators and homeschool families for his unique style and attention to educational detail. He has wide-ranging interests, and has also written about American history and several books featuring Christian biographies. He and his wife, Jeanene, live in Missouri.

Upon receiving this book that I ordered for my 8th grade son, I read some of the first chapters out of curiosity. We homeschool and are fortunate to have a gentleman with a PhD in Chemistry (who actually worked in his field - not the typical academic!) teaching science in our area. The first few chapters were very interesting, well written, and left me wanting to read the remainder of this book. It is not a dry, boring textbook that is commonly used in the Public aka Government schools. This book brings the subject ALIVE - which considering it is a book of biology - is quite appropriate. This could easily be used in the home for any parent desiring to teach science or learn along with their children. Thank you Dr. Reid for this book!

I bought this as a supplement to go along with our homeschool curric for biology. It was a great resource and I am so glad I got it. The children enjoy reading it. The quizzes we do orally and it helps me to know how much the children are understanding.

We bought this book for our grandson. He showed it to his Biology teacher, who was very well impressed. He said it is better than their present text. I expect he may change that quite soon. Thanks! T. Steven Brown Author and faithful customer of .

I have read many of Tiner's books and I like most of them. This one is my least favorite, and I have to teach out of it to middle schoolers. It's just so very random with its information. It's probably fine to just read straight through, but when you have to teach from it and learn actual material, it's a beast to break down and organize. I've been very frustrated with the randomness of info. As an example, Ch. 13 on Mammals - begins with a few characteristics randomly placed (warm-blooded, sweat glands, hair/fur, lungs, heart), then talks about milk for a few paragraphs. Then it talks about warm-blooded and in the SAME paragraph talks about how females/males raise offspring. Then the next paragraph is heart again ending with lungs in same paragraph. Then the next paragraph says some don't have fur/hair. Then it brings up milk again. Get the jist? It's kind of like finding 100

different mammal facts (but some do repeat), throwing them up in the air, and however they land is the order they are in the chapter. This book tries too hard to be "anti-textbook" and the result is an interesting read but no recollection of the facts because your brain doesn't process the info (at least not without significant effort). Every chapter is this way.

This was a very interesting book to read along side my daughter as she took biology.

Using it as intro for my homeschooled kids.

Here are some various observations I made about this book:--There are 14 chapters that are approximately 10 pages each, ranging from microscopic organisms to mammals.--Although it is listed as a middle school text, it can be used and adapted for different ages and skill levels.--Each chapter contains an 'Explore More' section, which includes questions, discussion ideas, and research options.--All of the pictures and illustrations are in black and white. This was a concern initially, since my boys really seem to be drawn in to the colorful pictures that generally accompany science texts. However, this seemed to be less important as I read the material, and the illustrations were still well done. I also realized that having black and white illustrations was probably the primary the cost of the book was so low.--The material was evolution free and had an underlying scriptural focus. The NIV translation was used for all of the Bible references. I think what I liked most about Exploring the World of Biology was that it covered the basics in a thorough manner scientifically, but it also focused on the stories of the people and the discoveries involved. History was included in a very natural manner, and not simply as an add on piece of information. It is the first science book that I have reviewed that I can realistically see myself being able to use and adapt with each of my boys, ranging from 1st to 9th grades. It is very well written and user-friendly. I'm pretty sure at this point that this is the direction we will go in for the next school year. Disclaimer: I received a complementary copy of this book from New Leaf Publishers for review purposes. No other compensation was received.

I started reading this biology text yesterday in the car, and I could not put it down! My ten year old has been using it as a Science text now in our homeschool for about six weeks, and he tells me he really likes this book and loves biology. I can see why after reading four chapters straight through. Mr. Tiner makes the subject of biology come alive and shares so much fascinating information that you just don't want to stop reading. I took Biology and Advanced Biology in High School, and I must

have forgotten so much in the last 20 years because I have (re)learned a great deal in the past 24 hours reading this book. Oftentimes, I would find myself thinking "Oh, I know this -- I had just forgotten..." but that didn't make the reading any less fascinating. The World of Biology by John Hudson Tiner is written for the Middle School or Junior High Student to work through independently or for the Elementary student to work through with some guidance. It can also be used by the High School Student (or adult!) as a refresher course. Each chapter contains biographical information for Scientists, extra sidebars of information about something introduced in the main text and also each chapter starts with three questions that help you read the chapter smartly to grasp the main points. Each chapter closes with review questions to quickly test how much information you can recall. My Bottom Line: I really enjoy this series of books by John Hudson Tiner and would like to own all of them for my 10-14 year olds to read before they approach High School Science. This book is just about perfect for my 10 year old.

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