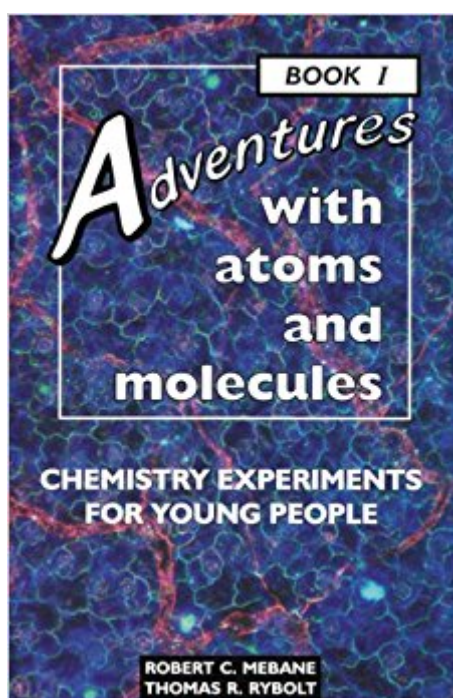


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Adventures With Atoms And Molecules: Chemistry Experiments For Young People - Book I (Adventures With Science)



Synopsis

-- Chemistry experiments that can be done at home or in the classroom using easily obtained and inexpensive materials. Now available in paperback!-- Includes step-by-step instructions for thirty experiments that demonstrate the scientific method.

Book Information

Paperback: 82 pages

Publisher: Enslow Pub Inc (September 1998)

Language: English

ISBN-10: 0766012247

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Product Dimensions: 0.2 x 6 x 9.2 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 19 customer reviews

Best Sellers Rank: #106,589 in Books (See Top 100 in Books) #9 in [Books > Teens >](#)

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Customer Reviews

If I could have seen more pages from the book, I would not have purchased it. I would have liked more information in the form of diagrams and charts. The actual lay out of the book is like a typed college report, rather than a published book. I was hoping to use it in my 4th grade classroom, but ended up not using it at all.

The project were easy to do, most of them did not work. I used this for my homeschooler. I would not use tis for education maybe some fun projects to do over the summer.

This is a good introduction to Chemistry for young children. The experiments are easy to do and materials for the experiment are easy to find.

I purchased this book as a supplement for our homeschool lessons, I think the children will be very enthusiasticabout the experiments in this book.

This is a great book for an elementary school aged child. Avoid dull textbooks. Jump right into

science in a safe, non-threatening environment.

I actually really have enjoyed the experiments, and my son has, too, for the most part, but I have to say that I'm disappointed that EVERY question posed for the experiment has the answer "YES." It doesn't take long to predetermine the answer (it's always "yes") and look for it or to try to force it. I agree with the other reviewers that the experiments are all very simple to perform (with one or two minor exceptions), and require basic materials easy to find at a grocery store. I have found them to be great learning lessons for simple observations and learning very basic chemistry, especially for children with minimal chemistry experience. However, I feel I must hide the book from my son so that he does not see the expected results in the simple drawings before our experiment is done. And again, I am unsure of the wisdom of posing questions that all have the same answer. That said, this book should probably be purely a teacher's guide and probably never shown to the child, which is not how I had first interpreted it.

I used this text as the basis for teaching 2nd and 3rd grade elem. chemistry in our homeschool co-op. Some of the terms are "above" that level, but someone with a little science background or enjoyment will be able to explain them. I have been AMAZED at how quickly the kids picked up the concepts presented in this book- and feel that at the end of our course, they have a very solid foundation for chemistry and science. I made a basic "lab sheet" each week using the question for the title (though I reworded it to not be a yes/no question), materials list, procedure, observations, and conclusion. I tried to emphasize the scientific process and encourage them to hypothesize before we began. I grocery shopped for all the supplies before our semester began and everything was readily available. (This is a HUGE PLUS!) The students really have enjoyed the class each week (as have I!!!) and have grown so much in their synthesis of ideas, process, and scientific concepts. I am so pleased and am online looking for something similar to use for physics next semester! :)

I love how this book uses common household items and simple experiments; it helps me make science a part of everyday life and simplifies my prep work!

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