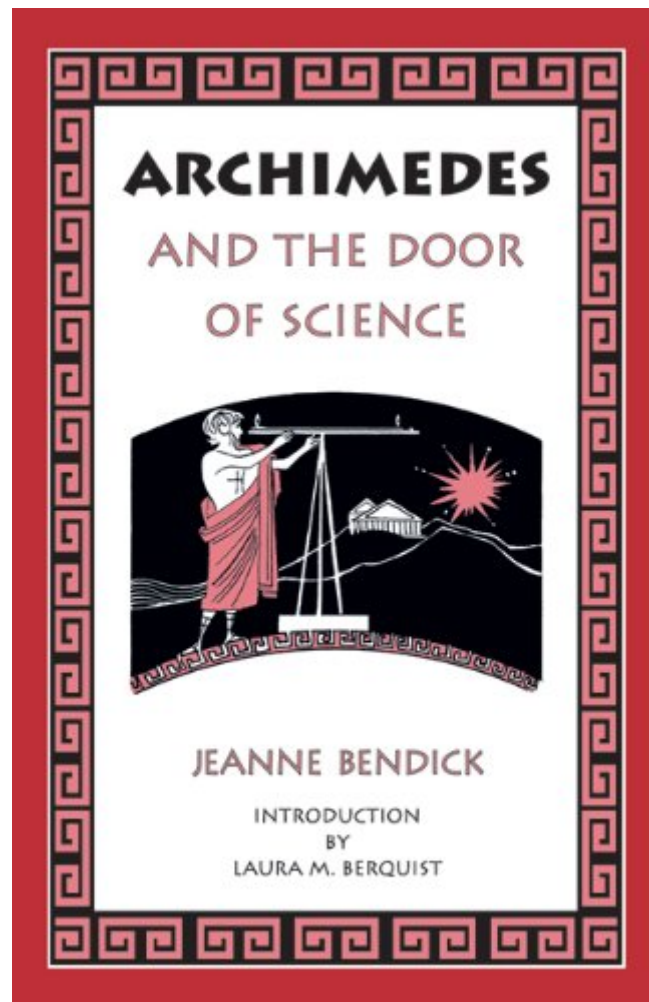


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# Archimedes And The Door Of Science



## Synopsis

Jeanne Bendick, through text and pictures, admirably succeeds in bringing to life the ancient Greek mathematician who enriched mathematics and all branches of science. Against the backdrop of Archimedes' life and culture, the author discusses the man's work, his discoveries and the knowledge later based upon it. The simple, often humorous, illustrations and diagrams greatly enhance the text.

## Book Information

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## Customer Reviews

I just got done reading this aloud to my homeschooled 6th grade twins. What a treasure! The author weaves together mathematical and scientific principles into a delightful story format. My kids had no trouble understanding the well-illustrated concepts. We used this book in our unit study on Ancient Greece. It just so happened, that during the reading, our Science lesson was on the six simple machines, a few of which Archimedes was the founder! As if all this isn't enough, my children took away with them an interesting outlook. We take the principles such as the center of gravity, buoyancy, pi, exponents, all that we know about geometry, etc. for granted. It's so much a part of our lives. This book helped us to imagine a time when these concepts were yet to be uncovered, an

exciting time in the development of applied science and technology. It also helped us see Archimedes as a real man, and not just another boring scientist to learn about. Even though my kids are homeschooled, they moan and groan about their work just like any other kids. This book was still able to capture them. It was a great selection that complemented our studies very well, and was a good investment of time and money.

I have had an interest in buying this book for many years. It is recommended in virtually every reputable catalog. It just always seemed like when essential schoolbooks were purchased, it didn't make sense to purchase a book about just ONE person. Well, that was a gigantic mistake on my part. The accomplishments of Archimedes made him one of the most important founders of science. This captivating book tells the story of Archimedes life AND gives vivid imagery to his accomplishments through simple, effective text and delightful illustrations. From my 3rd grader to my 10th grader, they all eagerly finished the book with enthusiastic comprehension. Of course, the "Eureka" story stood out to all, but other concepts such as levers and water displacement were covered in a way that brought clarity to those scientific principles. So this book is not about one man, but a plethora of important scientific observations.

As a blind buy, but still needing an upper-elementary level book on Archimedes, I was more than happily surprised to see what an absolute gem this book was! Well written, easily understood, yet not too basic, the author weaves and explains scientific and mathematical principles in a story-like form that entranced my homeschooled fifth-grader. This is one he'll want to read over and over--not a book he felt he "had" to read. I highly recommend its purchase.

Not only is this book an educational and interesting read, it also inspires investigation into Archimedian principles and inventions. The drawings illustrate these scientific principles clearly. Our favorite part is when Archimedes finally makes a break through with displacement and density and runs through the streets stark naked shouting, "Eureka!"

Like others, I read this to my homeschooled children. After reading this book, I probably appreciated Archimedes more than they did. For adults and children alike, this is a great introduction to one of the world's (not just the ancient world's) analytical thinkers. This book presents a good mix of scientific education and humanizing biography. We learn that Archimedes died too soon as the result of a stupid misunderstanding, and the world was denied the other scientific advances that he

could have given us.

Placing scientific theory in historical context is a concept that sounds dreadful. My children loved it. They adore the comic stories of Archimedes. My eight year-old son couldn't put it down. As a parent of a boy to 'hates to read,' it was AMAZING to hear my son giggling and laughing out loud while studying history and science on his own. What was even more thrilling, was listening to him apply the knowledge to everything from playing with Knex to a catapult.

My 8 year old son loves mathematics, so I gave him this book to read. He absolutely loved it, has re-read it many times and declares it is his favorite book ever. I just wish there were more like it...

This book is about Archimedes' life. He found out how to measure a circle and the principle of buoyancy. He invented the Archimedes' screw. He moved a ship full of cargo with one hand and a machine he built. And he did all this without electricity. I think that you will love this book.

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