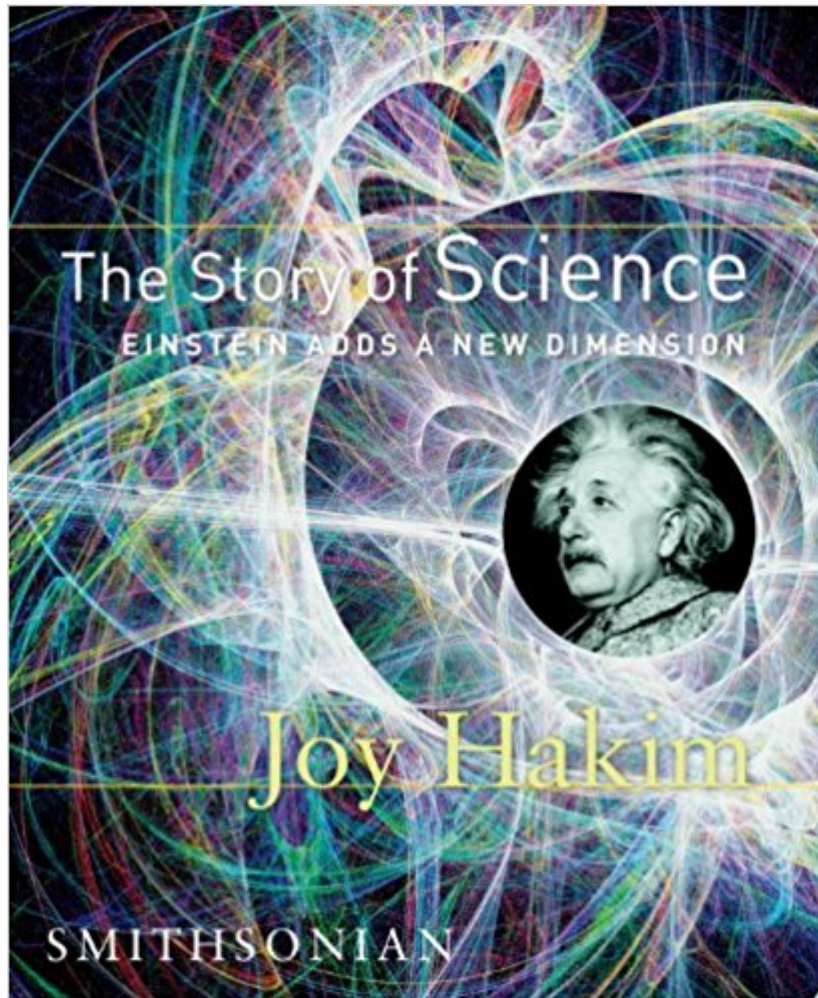




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The Story Of Science: Einstein Adds A New Dimension



Synopsis

In volume three, students will look over Albert Einstein's shoulder as he and his colleagues develop a new kind of physics. It leads in two directions: to knowledge of the vast universe and its future (insights build on Einstein's theories of relativity), and to an understanding of the astonishingly small subatomic world (the realm of quantum physics). Students will learn why relativity and quantum theory revolutionized our world and led to the most important ideas in modern science, maybe of all time. In the three-book *The Story of Science* series, master storyteller Joy Hakim narrates the evolution of scientific thought from ancient times to the present. With lively, character-driven narrative, Hakim spotlights the achievements of some of the world's greatest scientists and encourages a similar spirit of inquiry in readers. The books include hundreds of color photographs, charts, maps, and diagrams; informative sidebars; suggestions for further reading; and excerpts from the writings of great scientists.

Book Information

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Age Range: 12 and up

Grade Level: 7 and up

Customer Reviews

“As a good—even great—teacher, Hakim knows exactly where students might stumble and is always there, making sure they don’t.” —Diana Lutz, *Natural History* “Hakim has interwoven creation myths, history, physics, and mathematics to present a seamless, multifaceted view of the foundation of modern science. . . . At its essence, the book displays the most appealing aspect of

science and mathematics: that advances result from a practical need solved by curious minds. • "School Library Journal, starred review" When master storyteller Joy Hakim wields her pen, take heart: you're in for a breathtaking adventure. • "American Educator" If Leonardo da Vinci had studied school science, he would have been fascinated with The Story of Science. • Juliana Texley, lead reviewer for National Science Teacher Association Recommends

Author of the prize-winning series A History of US, Joy Hakim is the recipient of the James Michener Award in Writing and the Gold and Silver Parents' Choice Awards in Writing.

I love the way Hakim weaves in history and personal stories and purchased all three books! In my opinion does a better job than Tiner's series. Can't comment on Bauer's series as they came out later than Hakim's and I'm not familiar with them. The reason I didn't rate these books 5 stars are because the pages are too busy with information snippets - may be hard for many readers to stay with the main reading. Also, please be aware that even though the title is "The Story of Science" is doesn't cover biological and earth sciences so it really isn't the "full" story of science. I used traditional approach for homeschooling middle school aged children and these 3 books worked really well as my science spine, supplementing with the library, YouTube and other resource. Even though I'm done with homeschooling, have retained these books in my library as they are still fun to pick up and read. My sister who recently visited with her elementary kids picked it up and read some of the stories with her kids before bed. Given the way the book is constructed - might be good for a waiting room environment or bathroom reading.

If you are hesitant to buy this series because it is written for juvenile audiences, don't hold back any longer. This is extremely well-written, as are the other two earlier science books by Joy Hakim. Get all three. You will not be disappointed. This book handles the weird concepts of relativity and quantum physics better than any other source - and I own a dozen books on those subjects. Each beautiful book follows a logical order, and basic concepts are explained before more complex concepts are introduced. All theories and discoveries are placed in historical context. I like the side bars and illustrations and do not find them distracting. How can anyone read hundreds of pages of nothing but text and not lose their mind? Especially if the subject is science! Unless you are a scientist, this material will not be too basic for you. If you ever watched "Are You Smarter than a 5th Grader?", you know there is plenty of stuff you forgot or never learned, and this is the place to learn it.

Joy Hakim's science series is the best ever written and the perfect prep for freshman year at MIT. If only I had had this series instead of my APs in Highschool ! Freshman year would have been a breeze. Please, please, please publish the biology series soon!

Joy Hakim is very knowledgeable, not only of how science works, but also the way in which people learn best - through stories. There is not a great deal of straight science content in this book, but it certainly is a fantastic learning tool to help remember people and scientific pedagogy. This text makes science history seem real and fresh, with the added bonus of literature and historical and mathematical factoids that connect science to the larger scope of knowledge and education.

I have read many a books on history of science and scientific developments. I did not believe the reviews I read about this series until I read it. This series does not hijack the human history of scientific pursuit to Europe/Greece on one end and Benjamin Franklin's America on the other. It's a real and authentic reflection of the way the subject has developed throughout the world.

Great! :)

Amazing book. I am a high school physics teacher and this is a one stop book on the historical development and conceptual concepts of modern physics. Excellent and fascinating read. My students like it as well.

This is a very lovely book that makes reading history from a science perspective fun and interesting. We are using it with the student Quest workbook and we are ordering the teacher work guide soon. This makes a great supplement in addition to doing actual hands on experiments.

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