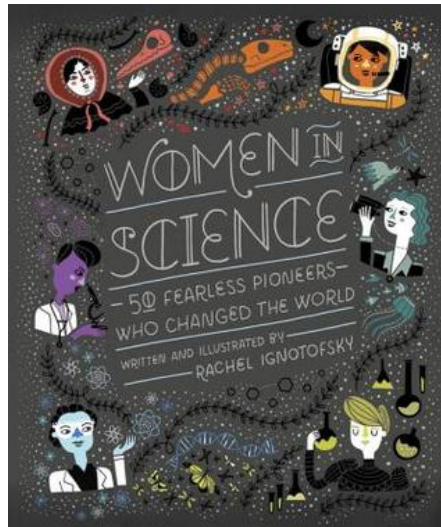




Women in Science: 50 Fearless Pioneers Who Changed the World

Rachel Ignotofsky

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Women in Science: 50 Fearless Pioneers Who Changed the World Rachel Ignatofsky
It's a scientific fact: Women rock!

A charmingly illustrated and educational book, *Women in Science* highlights the contributions of fifty notable women to the fields of science, technology, engineering, and mathematics (STEM) from the ancient to the modern world. Full of striking, singular art, this fascinating collection also contains infographics about relevant topics such as lab equipment, rates of women currently working in STEM fields, and an illustrated scientific glossary. The trailblazing women profiled include well-known figures like primatologist Jane Goodall, as well as lesser-known pioneers such as Katherine Johnson, the African-American physicist and mathematician who calculated the trajectory of the 1969 Apollo 11 mission to the moon.

Women in Science celebrates the achievements of the intrepid women who have paved the way for the next generation of female engineers, biologists, mathematicians, doctors, astronauts, physicists, and more!

Women in Science: 50 Fearless Pioneers Who Changed the World Details

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Rachel Ignatofsky

From Reader Review Women in Science: 50 Fearless Pioneers Who Changed the World for online ebook

Amanda Dana says

I almost cried when I started to look through Women in Science. I wish someone had told me that it was okay to think that math was hard, but that I would get through it. That science was difficult at times, but since I loved it, I would be able to make it. It's hard not to get upset when so few women have pushed their way through a man's field. In this day and age, when girls have more access to tools that will help them get the help they need to go into a STEM profession, these women did it all on their own.

The book is tight, sturdy, and chalk full of heroines of the STEM field. From current geniuses, to historical science mavericks, this book covers fifty female scientists that have shaped our world today. Women in Science is written and illustrated by the talented Rachel Ignatofsky. The colors are bright, the art is fantastic, and the information is inspiring for any geek girl looking to go into the science field. I couldn't recommend it enough.

?***I received a review copy from Blogging for Books in exchange for an honest review***

You can read more of my reviews at www.amandadana.com

[image error]

Amanda says

I found this quite readable for the way it was published, which necessarily throws a lot of information and names at you one after another. I learned quite a few scientific tidbits whilst reading about these noteworthy women. The infographics and illustrations were really wonderful. The information provided was a perfect blend of biography, fun facts and scientific explanations. I highly recommend this, especially as a gift for anyone interested in science, women, history, art and pretty books!

Britt says

Such an interesting and inspiring read!!
Also LOVED the illustrations!

Pam says

This book irritated the heck out of me. I am a scientist and a children's book writer (and a woman). I was super excited to read it. But there were so many factual misrepresentations and errors in the introduction alone that I didn't know if I could trust anything in the book. It wasn't until I got to the profile of Lise Meitner that I wanted to throw the book across the room, though.

First off, Meitner came from a well-educated, well-off family. Though it was, in general, less common for women to be college-educated at the time, I have never read anything that suggested she had a particularly hard time of it. She was also nearly immediately awarded a university appointment--and at one of the best research institutes in the world. She was a well-respected and active member of the German intellectual community, and her struggles within it had far more to do with her being Jewish than being a woman. In addition, and most important: Lise Meitner DID NOT DISCOVER FISSION. There are a million systemic reasons that women have not made the contributions to science that men have, but to take an invention/contribution and falsely attribute it to a woman, as this author seems to do a number of times, is not doing anyone any favors.

In fact, Lise Meitner did make an important contribution to the history of Fission research. Otto Hahn discovered fission in their lab after Meitner was forced to flee Germany before WWII. He did not understand how his apparent results could be possible. Meitner and her nephew came up with a theoretical model for fission which explained his results. This was, I gather, how their research generally worked. Hahn did the experiments and Meitner explained them with models.

In any case, I was so curious about where the author was getting her facts that I looked at the back of the book: no references. Looked on her website. Also nothing about Lise Meitner.

I suspect that there are factual misrepresentations and errors about a lot of the people profiled in this book, I just don't happen to know as much about them. I get the point of a book like this, but I don't think misleading children with shoddy reporting and then covering up your sources is doing a good deed.

Theresa Alan says

I bought this book for my niece's sixth birthday and we read it together along with her mom. I loved the illustrations and learned a lot about women I've never even heard of, such as physicist Lise Meitner, who was driven out of Germany during WWII because she was Jewish—and was thus denied her half of the Nobel Prize for her findings in nuclear fusion. I also learned more about women I have heard of, such as Jane Goodall, Marie Curie, and Rachel Carson.

The obstacles these women faced are appalling and makes their accomplishments even more impressive. I'm going to buy a copy for myself because this is the kind of book you can return to again and again. Many of the topics were over my niece's head—frankly, some concepts neither my sister nor I fully understood—but the different brief bios of the women provide a wonderful jumping off point for discussion of science and the evolving role of women in history.

Anna says

great book and a great gift suggestion to any girl/woman interested in or doing science! I love the illustration and all texts are as informed as needed for such a book... Totally suggested

Book Riot Community says

I love books that can be enjoyed by children and adults alike, and Rachel Ignatofsky's Women in Science

fits the bill perfectly. It's an illustrated collection of short biographies on fifty female pioneers in the STEM field. The stories of these inspiring innovators are accompanied by stunning illustrations. This book is an absolute joy to read. Buy one for every girl and woman in your life!

–Kate Scott

from The Best Books We Read In July 2016: <http://bookriot.com/2016/08/01/riot-r...>

Eva says

This book is such a delight, well-researched but accessible, fun but encouraging and educational. It acknowledges in full how hard it was and still is for women to have the same access to education, funding and resources as men have but doesn't leave a bitter aftertaste and finishes with a positive outlook into the future. I really hope this book will find accompany whole new generations of girls in science, and that it will be soon translated into as many languages as possible.

TheSkepticalReader says

Bury me with this book.

Tisha says

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Kelly says

I hate the description of this being "charming" because that's so diminutive, but this book is damn charming. The illustrations are excellent and the scientists that Ignatofsky highlights feature those whose names we know (like Marie Curie) and those who we don't. It's inclusive, and it's just the right amount of information written out to intrigue readers to want to know more. The design, which features short facts about the women featured, does a huge service so that it's not information overload.

Rachel (Kalanadi) says

Perfect for what it is: a vibrantly illustrated series of snapshots of influential, inspirational women in science, aimed at younger readers. It's beautiful to look at, and the casual, peppy style just made me happy while reading it. The bios are short, but tantalizing. I want very badly to know more about some of these scientists.

Even though I've read quite a few popular science books, I was only familiar with a handful of these 50 women (even enough to recognize names), which is a shame.

etherealfire says

This gorgeously illustrated, easy and fun to read, slim little volume full of fun facts is a must-read for girls of all ages (including mine)! I am so in love with this gorgeously packaged, inspirational little gem that I am going to have to invest in a permanent copy for my bookshelf. This is a keeper!

Lata says

Quirky, whimsical illustrations accompany 1-page biographies of each female scientist. Each woman profiled worked incredibly hard, and was subjected to all sorts of resistance since women were either believed to be unable to learn, or forbidden to learn, or had a variety of obstacles thrown in their way, both at school and at work. And yet the amazing things each of the featured women did, contributing equations, methodologies, techniques and approaches still in use, or that became critical stepping stones for other research and development.

I loved this book, and was in awe of each scientist I read about. Coming from a STEM background, I firmly believe that it's important to give girls around the world education, opportunities and support so they can explore, discover, and create.

Kate says

Please read this book. Buy a copy for your niece and your little brother and your obnoxious uncle who thinks he understands the world because he majored in history 40 years ago. Buy one for your local elementary school. Buy one for friends who haven't even had babies yet, because they're going to want their kids to have this.
