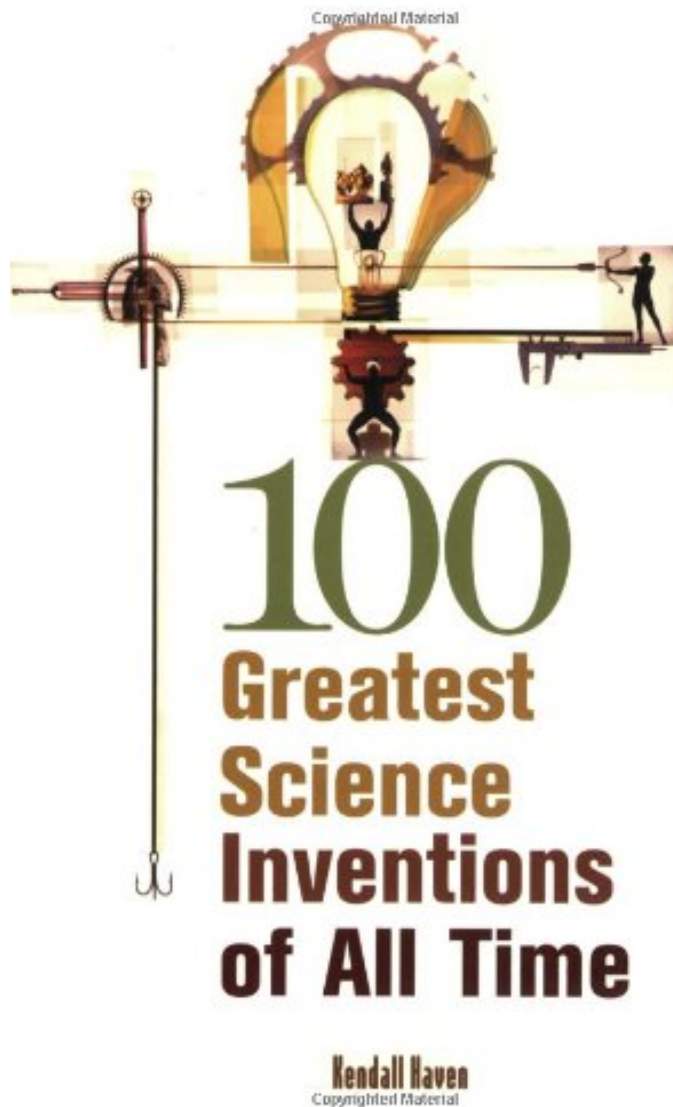


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## 100 Greatest Science Inventions of All Time

*Kendall Haven*

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**Kendall Haven : 100 Greatest Science Inventions of All Time** before purchasing it in order to gage whether or not it would be worth my time, and all praised 100 Greatest Science Inventions of All Time:

0 of 0 people found the following review helpful. Five StarsBy GUSTAVO GOMEZGood1 of 1 people found the following review helpful. Storyteller Tackles Invention. Bravo Kendall!By Paul M. FarrarKendall Haven's book provides a rare treat. Science and history have never been woven better. Without a single illustration, Kendall's choice of adjectives and adverbs, and the verbs themselves paints rich imagery in the reader's mind. Illustrations would

distract, much as I like pictures. This book could inspire young inventors of whom America could use many more in the competitive 21st century. I could envision teaching a middle school or high school class in which we read aloud, read silently, and then discuss what we read. No testing necessary; it's a memorable book, and time spent studying for a test should be invested reading instead. Students may want to draw their own posters for the classroom wall. Not just for young readers though; I am turning 72 next month and am enjoying learning more about technology. Kendall's book belongs under every Christmas tree for at least one lucky recipient.

This ready reference presents fascinating facts about 100 amazing inventions, a panoramic overview of the history of science, and a collection of engaging reads. Inventions are the stuff of dreams, quickly gaining widespread use, becoming central to culture, and ultimately changing our lives. They teach us a great deal about creativity and scientific principles, and, of course, the power of invention is of utmost importance in today's world of technology and innovation. Focusing on the 100 most significant scientific inventions of all time, this ready reference presents fascinating facts about amazing inventions, a panoramic overview of the history of science, an introduction to some of the most important inventors in history, and a collection of engaging reads. Each entry, arranged chronologically according to when the invention was made, contains information on what the invention is, who the inventor was, and how the invention was created. It also provides the historical context of the invention, its significance today, and information on resources for further reading/research. More than two millennia's worth of inventions are covered, ranging from the practical (clock, eyeglasses) to the everyday (measuring spoons, ball point pen), the life-saving (antiseptic, chemotherapy), and the mind-boggling (the number zero, cloning). By covering inventions throughout history, rather than just the 20th and 21st centuries, and presenting information comprehensible to young readers, this book fills a gap in the literature. It is a wonderful resource for student research and reports; can easily be used for read-alouds or as an introduction to teaching units on inventions; as well as a solid general reference on inventors and inventions. Grades 4-9 (adaptable to other levels).

From School Library Journal Grade 6 Up Arranged chronologically, the three-page entries in this engaging work begin with the date of the invention and name of the inventor. These are followed by a narrative on the importance and history of the item, the scientist's process, and a description of how the invention has developed over time. The author's stated criteria for inclusion are that the invention was based in science, it was an invention rather than a discovery, and that it has had great ramifications for society. While one may argue with Haven's choices, the book helps to put the inventions in context and is fascinating enough to read cover to cover. It can be used for reference and as a springboard for further investigation and critical comparisons of firsts. The author includes several female inventors but few minorities. Further-reading lists at the end of each entry, however, do suggest books on women and African Americans. Unfortunately, there are no illustrations to help clarify some of the concepts. Also, frequent errors, some typographical (substituting Salk for Sabin in one instance), others more serious (such as inaccurate interchanging of cement, and concrete, and claiming that the medieval cathedrals were made of concrete), mar this work. Nevertheless, this is a good resource, complementing and extending Roger Bridgman's 1000 Inventions and Discoveries (DK, 2002). Judith V. Lechner, Auburn University, AL Copyright Reed Business Information, a division of Reed Elsevier Inc. All rights reserved. "Written by a scientist who became an award-winning children's storyteller, this book is a highly readable overview of scientific thought and invention from 250 BC to the present. [h]ighly recommended for public and school libraries. It is a good choice for reluctant readers who will appreciate how each invention is a chapter unto itself that can be read just a bit at a time." - VOYA "This straightforward guide to a fascinating field will be welcome in both school and young adult collections." - Lawrence Looks at Books "Arranged chronologically, the three-page entries in this engaging work begin with the date of the invention and name of the inventor. These are followed by a narrative on the importance and history of the item, the scientist's process, and a description of how the invention has developed over time. The author's stated criteria for inclusion are that the invention was based in science, it was an invention rather than a discovery, and that it has had great ramifications for society. [t]his is a good resource." - School Library Journal About the Author Kendall Haven is an award-winning author, master storyteller, and former research scientist. He has published a number of books, including *Marvels of Science*, *Marvels of Math*, and *100 Most Popular Scientists*.