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Science books online free

I'm a fan of science fiction and even science fiction comics, like Iron Man and Fantastic Four, but it's the rare comic that actually goes the next step to actually making teaching science a key priority. Still, there are some of them out there, and I've compiled a list of them below. Please send me an email with additional suggestions. The cover of the book Feynman by Jim Ottaviani and Leland Myrick, a graphic novel about the life of physicist Richard P. Feynman. Leland Myrick/First Second In this biographical comic book, author Jim Ottaviani (along with artists Leland Myrick and Hilary Sycamore) explores the life of Richard Feynman. Feynman was one of the most popular 20th-century figures in physics, having won a Nobel Prize for his work developing quantum electrodynamics. The cover of manga guide to Physics. No Starch Press This book is a great introduction to physics's basic ideas - movement, power and mechanical energy. These are the concepts that lie at the heart of the first semester of most inaugural physics courses, so the best use I can think of for this book is for the beginner student who will be able to read it before entering the physics class, possibly during the summer. Cover from Manga Guide to the Universe. No Starch Press If you like to read manga and you like to understand the universe, then this may just be the book for you. It is a general resource devoted to explaining the most important features of space, from the moon and the solar system to the structures of galaxies and even the possibilities of the multiverse. I can take or leave manga-based history (it's about a bunch of high school students trying to put on a school play), but the science is quite accessible. Cover the book Manga Guide to Relativity. No Starch Press This installment in No Starch Press's Manga Guide series focuses on Einstein's theory of relativity, delve deep into the mysteries of space and time itself. This, together with The Manga Guide to the Universe, provides the foundation needed to understand how the universe changes over time. Cover the book Manga Guide to Electricity. No Starch Press Electricity is the foundation not only of modern technology and industry, but also on how atoms interact with each other to create chemical reactions. This Manga Guide provides a great introduction to how electricity works. You won't be able to rewire your house or anything, but you will understand how the flow of electrons has such a huge impact on our world. Cover the book Manga Guide to Calculus. No Starch Press It may be stretching things a little to call calculus a science, but the fact is that its creation is closely related to the creation of classical physics. Anyone planning to study physics at college level could do worse to get started with calculus with this introduction. The cover of a book about Albert Einstein from the Edu-Manga series. Digital Manga Publishing In This Comic book, the authors use manga storytelling style to explore (and explain) the life of the famous physicist Albert Einstein, who transformed everything we know about the physical universe by developing his theory of relativity and also laying the foundation for quantum physics. The cover of the book Two-Fisted Science by Jim Ottaviani. G.T. Labs This book was also written by Jim Ottaviani, the author of the aforementioned graphic novel. It contains a number of stories from the history of science and mathematics, including those based around physicists such as Richard Feynman, Galileo, Niels Bohr and Werner Heisenberg. I'll confess that I've never read these biology-based comics, but Hosler's work was recommended over on Google+ by Jim Kakalios (author of The Physics of superheroes). According to Kakalios, His Clan Apis and Evolution: The history of life on Earth is excellent. In optical attractions, he addresses canard that evolutionary theory is not able to account for its formation through the natural choice of working eyes. Monty Rakusen/Cultura/Getty Images Forensic science is the application of scientific methods and techniques for investigations by law enforcement agencies or courts. It has become more popular in public due to intense coverage of legal cases in the media and a number of TV shows about crime scene investigations. Here is a selection of top-rated books on the jurisprudence of authors with many years of practical experience and knowledge. They have packed their information in a way that those interested in the corner will be able to understand what they have read or are looking at. Amazon.com This book by Richard Saferstein is an excellent guide for the unscientific reader. It explores how forensic science is applied to criminal investigations, the techniques used, current terminology and standard practice in crime labs. The book also offers an interactive crime scene CD-ROM that allows readers to participate as investigators while a crime is solved. This is a good resource for anyone interested in the fields of forensic medicine and criminal law. Author Colin Evans' book gives readers a chance to delve into 100 investigations and learn how experts from various forensic fields used their knowledge to solve the cases. It is a great book for beginners to experienced veterans who are interested in reading how specific cases were solved using the science of forensics. Amazon.com This medicolegal textbook was written by Vincent J.M. DiMaio, a pathologist who was the top medical examiner for Bexar County, Texas, and Dominick DiMaio, a pathologist and former chief medical examiner for New York City. Its subjects surround the time of death, blunt trauma wounds and plane crashes. The book, written for medical and investigative professionals, presents an overview of medicolegal investigative systems. Amazon.com Vernon Geberth wrote an excellent guide for anyone involved in the murder and for newcomers to the field of forensic science. This latest edition offers new and revised chapters, including case histories and techniques that reflect the latest forensic methods and modern investigative procedures. Geberth, the worldwide expert on homicide investigations, is the real thing, wrote Edwin T. Dreher, retired assistant chief of detectives for the New York City Police Department. His chapter on DNA is one of the most readable and comprehensive treatments on the subject. Amazon.com Geberth also wrote this guide offering readers checklists and step-by-step guidelines for procedures, tactics and forensic techniques used in sudden and violent death investigations. The appendix categorizes evidence by type, so that officers working in the field, for example, can quickly find the right procedure to gather evidence that they have never processed. It also contains several checklists to ensure that proper procedures are followed and investigations are completed. Amazon.com Vincent J.M. DiMaio's Gunshot Wounds: Practical Aspects of Firearms, Ballistics and Forensic Techniques contain a series of photographs of victims who died of gunshot wounds plus lengthy discussions and references to the forensic study of such wounds and weapon identification. The third edition of Gunshot gives readers the latest and most comprehensive information about firearms and best practices for investigating firearm-related wounds. Amazon.com editors William G. Eckert and Stuart H. James adhered to this popular book, now in its second edition, which delves into topics such as bloodstain interpretation; low speed impact and angular considerations; medium and high speed impact; and partially dried, clotted, aged, and physically altered blood stains. Another chapter deals with luminol, a chemical that reveals invisible traces of blood. One reviewer said: Anyone involved in law enforcement or criminal justice will protect this informative, well-written text. It takes a very complicated, thought-provoking subject and pilots the reader in an organized, understandable way to a well-rounded understanding of the subject. This should be necessary reading for all law students and criminal justice practitioners. Reading is an activity that you can take for granted, but the ability to derive meaning from letters on a page or screen (if e-books are your thing) can be life-changing. Here are several ways scientists say reading books is good for you. A researcher at the University of Oxford analyzed the survey responses of 17,200 people born in 1970, and determined that people who read books at the age of 16 were more likely to have a professional or management career at the age of 33. The questionnaire asked respondents about other extracurricular activities such as sports, cultural excursions, computer games, cooking and sewing, all of which were not found to be linked to future career success. That's according to Ken Pugh, director of research at Yale-affiliated Haskins Laboratories, which studies the impact of oral and written language. He says that reading books is an activity that activates all the major parts of the brain and strengthens skills in language, selective attention, sustained attention, cognition and imagination. And books that tell a story through fiction or narrative nonfiction are especially useful for building imagination and thinking ability that other types of reading can't. According to a study published in the Journal of Developmental and Behavioral Pediatrics, reading only one picture book to a child every day exposes them to about 78,000 words a year. Researchers have calculated that in the five years before kindergarten children living in literacy homes hear about 1.4 million more words compared to children whose caregivers do not read to them. This is important for their future even because the ability to communicate well is a skill that employers most often cite as something they value in potential employees. That's the opinion of John Coleman, co-author of the book Passion and Purpose: Stories from the Best and Brightest Young Business Leaders, in a story he wrote for the Harvard Business Review. He writes: Reading increases verbal intelligence, making a leader a more skilled and articulate communicator. Reading novels can improve empathy and understanding of social cues, so that a leader can better work with and understand others - characteristics that author Anne Kreamer convincingly linked to increased organizational efficiency, and paying pay raises and campaigns for the leaders who had those qualities. And any business person understands that increased emotional intelligence will improve his or her leadership and leadership ability. He suggests reading books within a variety of genres, joining a book club that will expose you to titles you may not have picked on your own, as well as reading neuroscience or psychology books that can give you new perspectives on problems you might have at work. Or just read for fun as a way to relax, a pastime almost anyone can take advantage of. From.

