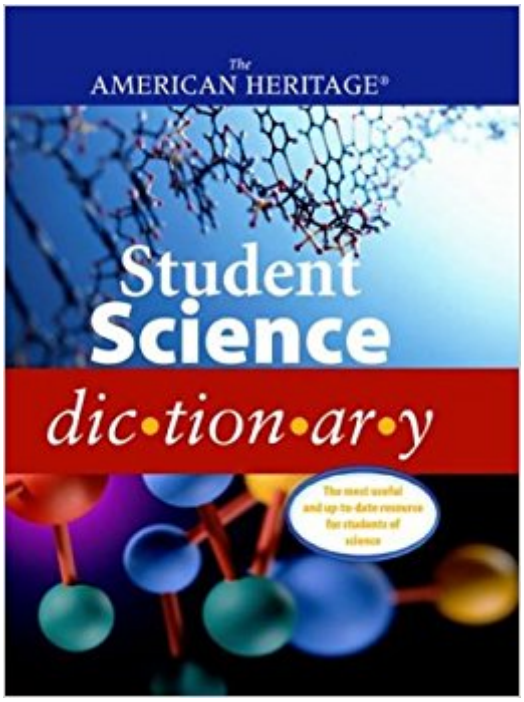
The American HeritageÃ‚Â® Student Science Dictionary



Synopsis

The American HeritageÃ Â® Student Science Dictionary covers a wide variety of fields, including chemistry, physics, biology, geology, meteorology, astronomy, ecology, and zoology. Its definitions are written in a clear and straightforward style that even beginning students can follow. An extensive cross-reference program encourages readers to build a more complex vocabulary.The dictionary includes• more than 4,500 entry words with clear, easy-to-understand definitions• more than 425 full-color photographs and drawings• 175 Feature Notes on important scientific concepts, the major discoveries of many scientists, and the usage and history of scientific terminology• detailed graphic treatment of selected subjects, such as the structure of atoms, photosynthesis, plate tectonics, and the life of stars• handy tables and charts, including the periodic table of the elements, a chart of geologic time, and a timeline of advances in computing.The American HeritageÃ Â® Student Science Dictionary is the ideal resource for homework assignments, school projects, or just browsing. This book is the key to unlocking the language of science and the natural world for students and their families.

Book Information

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Average Customer Review: 4.5 out of 5 stars 7 customer reviews

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Age Range: 12 and up

Grade Level: 7 and up

Customer Reviews

Grade 6-10-More than 4500 terms are accompanied by a plethora of visual and textual sidebars in

this compact volume. Entry words are highlighted in color and defined in straightforward language; pronunciation guidelines are included. The definitions; the high-quality, full-color photographs; and the clean, labeled drawings will give students a clear interpretation of the scientific concepts addressed. In addition, there are 12 terms and concepts (including "Atom," "Fission," "Photosynthesis," and "Greenhouse Effect") discussed and illustrated in full- or half-page framed sidebars; 21 half-page biographies of scientists; and 105 terms in "Did You Know?" windows that expand on more succinct definitions. There are also eight useful tables and charts, from a "Brief Timeline of Computing" to "Taxonomy." "Word Histories" explain the origins of commonly used terms, and plentiful cross-references lead students to related definitions and sidebars. An up-to-date and appealing approach to scientific terminology.Tina Hudak, St. Bernard’s School, Riverdale, MD

This attractive volume was designed to help users in grades seven and up understand the important concepts of science. In an accessible manner that does not talk down to users, the 4,500 entries provide pronunciation, part of speech, and definition, with enough detail to explain the scientific meaning and relevance of each term. Entries may also include irregular plurals, run-ons, and other forms, and cross-references that direct the user to other entries for more information or for purposes of comparison.Although easy enough for a fifth-grader to use, the work provides more than just a simple definition of an elusive term. It also offers sidebars entitled "Did You Know?" which clarify 100 important terms, such as plate tectonics. In a conversational tone, these "Did You Know?" features challenge readers to use their observation skills or own experiences to understand the scientific concepts. "A Closer Look" examines a dozen topics in even more detail. For example, Leaf has a useful illustration that helps users understand (and see) the difference between monocotyledon and dicotyledon leaves. Additional boxed features called "Usage " and "Word History" also add to the user’s understanding. (For example, the "Usage" box on infectious/communicable/contagious helps to clarify what the three terms mean in relation to each other.)Another welcome feature are the 300 biographical entries, which identify men and women from around the world who have made a contribution to science. These short entries include birth and death dates, nationality, and importance and often have a photograph or illustration. Some 20 individuals are treated in longer biography sidebars. The biographies would be especially helpful for small libraries that have a limited range of reference materials for children in science.More than 400 full-color illustrations and photographs as well as graphics, charts, and tables enhance the text. The typeface, the amount of white space, and the overall design of this work will appeal to students who

might be intimidated by larger scientific dictionaries. Overall, this is an excellent addition to school and public libraries. RBBCopyright Ã Â© American Library Association. All rights reserved

My nieces and nephews get a lot of presents that are cute or fun but lacking educational value, so I try to get them things that are educational and fun. I bought this dictionary for my oldest nieces, who are close in age and do well in school. They used it as a resource for school projects, and for looking things up when they were just wondering about things on their own. It served its purpose very well, and was definitely worth it. It suited their ages at the time, and it should be fine for their younger brother and sister when they get a little older. An important thing to consider when buying reference books for kids is that they need to be age-appropriate, and you need to buy additional age-appropriate references as the kids get older. When they have younger brothers and sisters, the younger ones can use them and you can buy other gifts for the younger ones when the holidays arrive. It’s a gift that keeps giving. In addition, you can encourage the kids to use these references by asking them questions and having them look up the answers. My older nieces learned very quickly when they should look in a dictionary or an encyclopedia, and they always found answers to my questions and enjoyed doing it. I don’t know what other new dictionaries might have come out since I bought this one, but this was probably the best one available at the time and it’s still a good purchase.

I bought this for my classroom. The definitions and the many article-length entries are more complete, detailed, accurate and kid friendly than the ones in the glossary of our text book. Moreover, the kids are willing to browse through it just for fun. I am impressed enough that I am going to try to raise donations to purchase a dozen or so (28 would be even better but...) so that more of my students can use it.

ALMOST a five star book. My 8-year-old son loves it. Wish it had entries such as "barometric pressure" and "terminal velocity". Overall great book, nice graphics and easy to comprehend definitions.

I didn’t read all of it but I like it very much, thanks for creating the book it looks interesting!!!!!

I purchased this book for my grandson and he was very pleased by it. The purpose of the gift was to give him something new to get into towards the end of summer and it worked!

Smaller size than expected, but text is regular size. We have referred this dictionary several times and have been happy with our purchase.

I bought this book for my 11 year old son. Our encyclopedia set was a bit overwhelming for him so I thought a science dictionary would be less intimidating. He just loves it. He spends hours just flipping pages and reading entries that interest him. Definitions are concise yet not over simplified with plenty of examples and pictures to keep everything clear. Major topics are discussed in length making this more than just a dictionary. I enjoy browsing through it myself. Science is fascinating when properly explained. He brought it to school and the other kids all agreed that this book is "cool". This is an excellent book for adults and children. This is a must have book for your reference collection.

Contemporary Science Illustrated Dictionary of Science (Illustrated science dictionaries) The Supreme Court of the United States: A Student Companion (Oxford Student Companions to American Government)