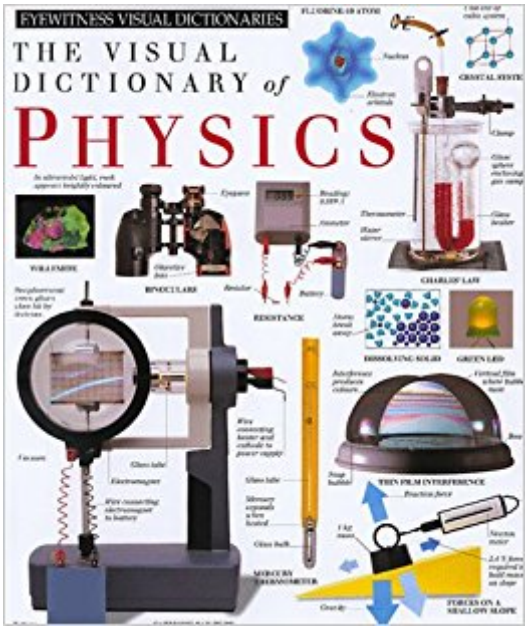
Eyewitness Visual Dictionary Of Physics



Synopsis

Here is an entirely new kind of dictionary -- one that is packed with superb, full-color photographs and illustrations, and with thousands of scientific terms. The Visual Dictionary of Physics will give you instant access to the specialized vocabulary relating to physics in a way that is clear, informative, and easy to understand. If you have heard of a particular scientific process, but don't understand how it works, then turn to the labels around the illustrations. Alternatively, if you know a term but don't know exactly what it refers to, then the comprehensive index will direct you to the illustration that bears the name. This volume forms part of a series that, like the Dorling Kindersley Eyewitness Books, builds thematically into a comprehensive and exquisitely illustrated treasure trove of words and pictures providing high-quality information for readers of all ages.

Book Information

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Customer Reviews

Grade 6 Up?In the visually clear, oversized format typical of the series, this book offers a bit about a wide variety of topics, from Newton's Laws to Feynman diagrams. It is an enticing choice for browsing that may inspire further research, or that might possibly supply just the information needed for an assignment on simple machines. Unfortunately, not every full-color illustration or photograph can substitute for a thousand words. The extreme brevity of the presentations may leave readers mystified, especially if they haven't learned, for instance, the use of a negative exponent for division. The fact that the minus signs are vanishingly small adds to the confusion. Challoner avoids math as

much as possible, and when he does finally list some formulas, he makes some classic errors. The audience for the book is hard to determine: the format will appeal to young children, but complete understanding of the content requires more background. Physics Today (World Book, 1985; o.p.) gives a more complete presentation, while Peter Lafferty's Force and Motion or Christopher Cooper's Matter (1992, both DK) have a narrower range.?Margaret Chatham, Tysons-Pimmit Regional Library of Fairfax County Library System, VA

superb book.

Great reference book for a science classroom or supplemental text for a teacher, for grades 4-8. Concise, well illustrated and explained fundamental topics from physics.

good book to star with for physics

Pretty cool learning basic physics.

Even though I seem to remember being rather distracted in school because I was one of the only girls in the science class. Things have changed now in the modern world.I'm not exactly sure where all the other girls were, but perhaps their parents didn't see the benefit of sending them to learn about Electromagnetism. Personally, I was more interested in chemistry.The Eyewitness Visual Dictionaries are fascinating. Who would ever want to read just a normal dictionary ever again? Which is why I have a DK Oxford Illustrated American Dictionary now as well.Contents: Matter & Energy, Measurement & Experiment, Forces, Friction, Simple Machines, Circular Motion, Waves & Oscillations, Heat & Temperature, Solids, Liquids, Gases, Electricity & Magnetism, Electric Circuits, Electricity Production, Electromagnetic Radiation, Color, Reflection & Refraction, Optical Instruments, Wave Behavior, Atoms & Electrons, Nuclear Physics, Particle Physics and Formulas & Appendix.Interesting section on Nuclear physics and "How a Television Works."Includes:Over 200 outstanding color photographs and graphic illustrationsConcise text and carefully researched definitionsInstant access to a 3,000-word specialized vocabularyThis volume is part of a series which I love and can't imagine is not loved by readers of all ages.~The Rebecca Review

In todays society, where education should be and is at the forefront, a book of this type will not only

captivate a young mind but answer question which may not be readily available to a parent. In education the 5 -14 program has developed a system where children can be assessed through practical skills and knowledge. A book such as this can and will aid, in that understanding. In other publications, the author's may have to reminded that their readers are not of the same standard, of understanding as they are, everyone has there own particular way of understanding text and experiments. Books of this nature can only aid, in the development of a child understanding of science and technology.

Nice illustrations.