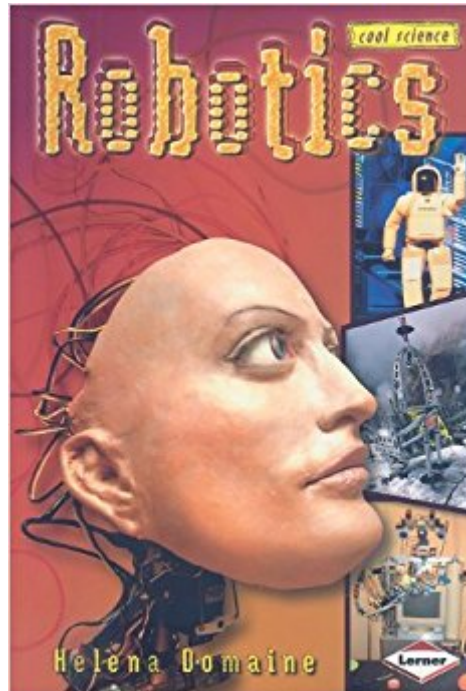




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Robotics (Cool Science)



Book Information

Series: Cool Science

Paperback: 48 pages

Publisher: Lerner Classroom (January 1, 2006)

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Average Customer Review: 5.0 out of 5 stars 1 customer review

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Age Range: 9 and up

Grade Level: 4 and up

Customer Reviews

Grade 4-6—These overviews have an attractive, colorful layout that will appeal to readers. Each spread includes captioned, color photographs and/or illustrations; text boxes; and, often, a fun fact. The first title presents a history of the science, examples of working robots past and present, ways scientists are working to improve robotics, and how artificial intelligence is helping to create thinking robots. Domaine does a fine job of explaining the many uses of these machines, including for space exploration and medical microsurgery. The content is sound and should be accessible to most students. Fridell offers a brief explanation of the science and then discusses how genetics is being used to invent plants, improve animals, and engineer people. Again, many intriguing examples are given. Glowing plants, supersized mice, and shrinking watermelons are among the topics included. The concluding chapter looks to the future. The third title explains what a satellite is and discusses many aspects of satellites, including how they pertain to television broadcasts, weather forecasting, and locating black holes. Numerous amazing facts are included to pique readers' interest. Solid additions.—Maren Ostergard, Bellevue Regional Library, WA

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Gr. 4-6. The Cool Science! series focuses on high-interest, cutting-edge science and technology topics presented in an appealing format. Robotics offers a brief history of efforts to create machines that can perform functions in place of humans, then brings readers up-to-date on applications of robotic technology in exploration, industry, and medicine. The text typically appears in white boxes that stand out against dark backgrounds, and brightly colored sidebars highlight interesting facts and clarify or extend certain aspects of the technology, such as why developing a bipedal robot is so challenging. Satellites by Rebecca L. Johnson is another recent series title; both are attractively designed and illustrated with color photographs throughout. Appendixes include a glossary, a bibliography, and suggestions for further research. Ed SullivanCopyright © American Library Association. All rights reserved --This text refers to an out of print or unavailable edition of this title.

This is a great introduction to robotics and science for budding scientists. There's not really enough books on robots for students. I wish this were a little longer, but it is a fun and interesting read -- especially for young scientists (who express an interest in robots). Many of the other books on robotics are very technical and too long for young readers. This, on the other hand, is a short introduction that will excite young minds. The title is very fitting (Cool Science).

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