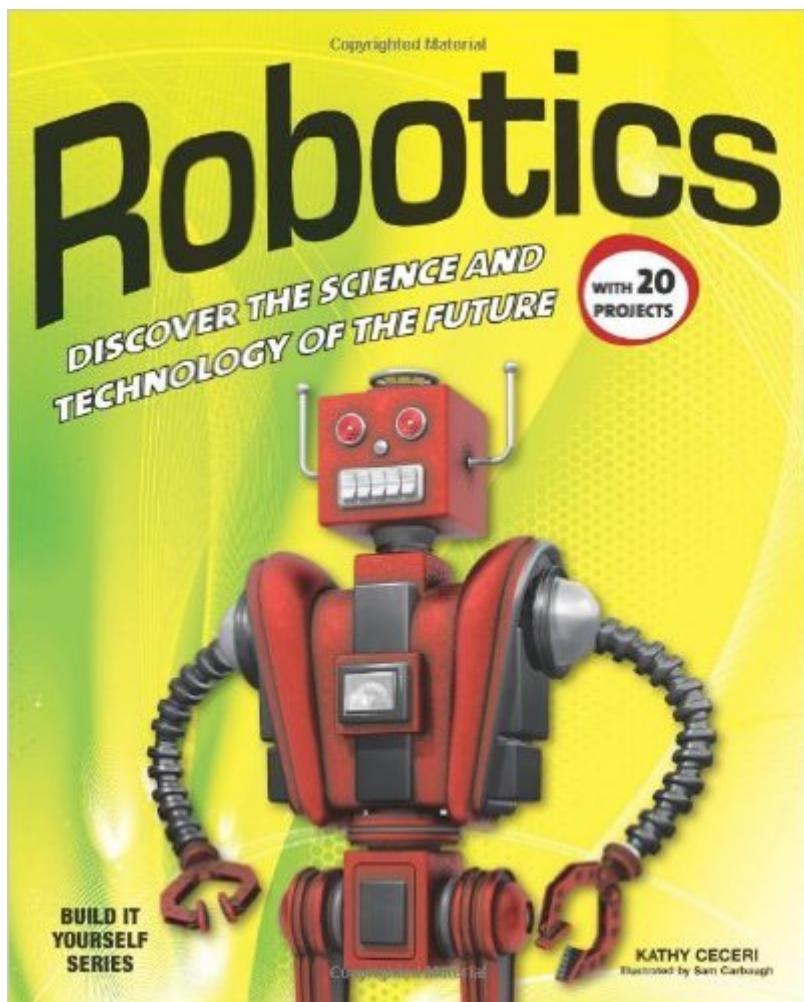


The book was found

Robotics: DISCOVER THE SCIENCE AND TECHNOLOGY OF THE FUTURE With 20 PROJECTS (Build It Yourself)



Synopsis

Named to the 2012 Chicago Public Library's "Best of the Best" Reading List for Informational Books for Older Readers, *Robotics: Discover the Science and Technology of the Future* is a fun and educational introduction to the exciting field of designing, building, and operating robots. Along with background material and clear explanations of how robots work, *Robotics* features step-by-step instructions for building real robot models using ordinary craft materials and parts salvaged from recycled toys and other household devices. Budding roboticists will learn how to create working robot hands, hydraulic arms, sensors, solar-powered robots, light-seeking robots and more. A great way to get kids interested in STEM subjects (science, technology, engineering, and math), the activities encourage kids to use all their talents to come up with creative solutions to tricky problems and figure out how things work.

Book Information

Lexile Measure: 1000 (What's this?)

Series: Build It Yourself

Paperback: 128 pages

Publisher: Nomad Press; Build It Yourself edition (August 1, 2012)

Language: English

ISBN-10: 1936749750

ISBN-13: 978-1936749751

Product Dimensions: 8 x 0.4 x 10 inches

Shipping Weight: 10.4 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 starsÂ See all reviewsÂ (84 customer reviews)

Best Sellers Rank: #18,684 in Books (See Top 100 in Books) #8 inÂ Books > Children's Books > Science, Nature & How It Works > How Things Work #9 inÂ Books > Children's Books > Education & Reference > Science Studies > Physics #15 inÂ Books > Children's Books > Science, Nature & How It Works > Experiments & Projects

Age Range: 9 - 12 years

Grade Level: 3 - 7

Customer Reviews

My firstborn son is your classic engineer dork, and he was born that way. He didn't make much eye contact with people when he was a toddler. He could be counted on to completely fail to notice when anyone except me was trying to get his attention. He never really talked to people or played

pretend. As a small child he did not require human interaction. He spent hours alone building things. Sometimes if I was really lucky he pointed out to me interesting gears, and he often slammed books about mechanical things into my knees until I read them for the five hundredth time. Never, ever, ever, did he respond to a friendly "hello", notice when a new person entered a room, or otherwise appear to be a member of society. When he was five, his older cousin got a robot for Christmas and drove it into the living room with a remote control. For the first time ever, my nearly non-verbal son 1) noticed someone new was in the room, 2) made eye contact, 3) approached the person respectfully, not too close or too far. Then he said (still making eye contact!) "Hello, Mister Robot. I'm [Name]. How are you today?" and... you would never believe it if you knew him... waited for the robot to respond! My baby DID know how to make conversation! He WAS capable of interaction! I then burst into tears. And, of course, my son didn't notice my emotions. My heart broke for him even as my boy made his bent so clear to me. I vowed to do everything I could to help my son make for himself that robot companion that was clearly his only hope for ever having a friend. Together he and I would create a world of androids to warm every Aspergian's heart. In the five years after that episode, either my son or I have read every single book on robotics accessible to young people in the U.S.

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