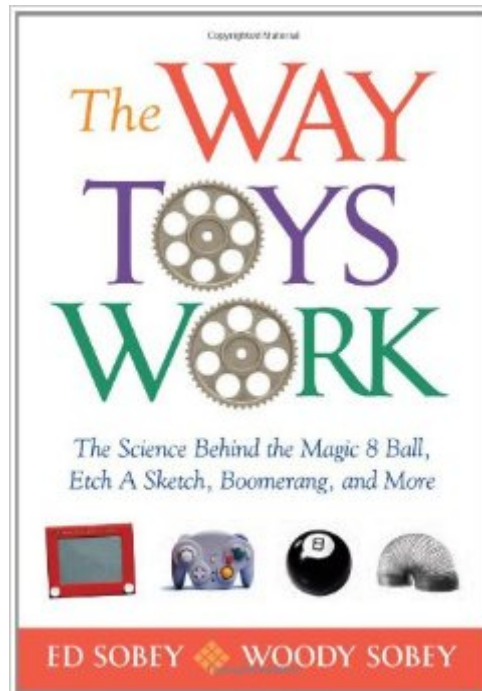


The book was found

The Way Toys Work: The Science Behind The Magic 8 Ball, Etch A Sketch, Boomerang, And More



Synopsis

A Selection of the Scientific American Book Club Profiling 50 of the world's most popular playthings—including their history, trivia, and the technology involved; this guide uncovers the hidden science of toys. Discover how an Etch A Sketch writes on its gray screen, why a boomerang returns after it is thrown, and how an RC car responds to a remote control device. Leaving no detail unrevealed, the guide includes original patent-application blueprints and photos of the 'guts' of several devices. Inventors and museum curators also offer their observations of favorite gizmos while dispelling (or confirming) several toy legends. Complete with explanations of do-it-yourself experiments and tips on reverse engineering old toys to observe their interior mechanics, this entertaining and informative reference even provides pointers on how budding toy makers can build their own toys using only recycled materials and a little ingenuity.

Book Information

Paperback: 178 pages

Publisher: Chicago Review Press (May 1, 2008)

Language: English

ISBN-10: 1556527454

ISBN-13: 978-1556527456

Product Dimensions: 7 x 0.4 x 10 inches

Shipping Weight: 9.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars — See all reviews (4 customer reviews)

Best Sellers Rank: #1,275,999 in Books (See Top 100 in Books) #300 in Books > Crafts, Hobbies & Home > Antiques & Collectibles > Dolls, Toys & Figurines > Toys #5690 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems #8703 in Books > Science & Math > Technology

Customer Reviews

This book is excellent. I'd like to think my grandson will grow up to be an engineer based on his love of how things are put together and what makes them work. The Way Toys Work is easy to understand while providing lessons in an enjoyable atmosphere.

Children above a certain age may read this book themselves. Parents (or others simply interested in product design) will read the book themselves. I can also imagine reading the book to younger children while explaining things to them (teaching them about things).

This book cover a lot of toys and their mechanisms. If you want discover how they work, it is a good choice.

A somewhat sketchy discussion of a worthy topic. Yes, I improved, to a small extent, my understanding of some of the toys discussed. No, physical explanations were too sparse: I expected to understand the principle of the friction motor, for one, as other toys were explained. Too little drawings and plates may be explained by the printed origin of this book - but of course, not relevant for the kindle version. A separate note for the kindle viewer (I use Mac, iPhone, iPad): Slow, off context rendering (plate is detached from text relating to it) plagues all kindle books I read so far.

[Download to continue reading...](#)

The Way Toys Work: The Science Behind the Magic 8 Ball, Etch A Sketch, Boomerang, and More
British Diecast Model Toys Catalogue: Dinky Toys and Matchbox Toys v. 1
Toys & Prices: The World's Best Toys Price Guide (Toys and Prices)
American Tin-Litho Toys: Including Ohio Art, Wolverine, Marx, Chein and More- A Collectors Guide to Identification, Pricing and History of
American Tin-Lithographed Toys
Get In Shape With Exercise Ball Training: The 30 Best Exercise Ball Workouts For Sexy Abs And A Slim Body At Home (Get In Shape Workout Routines and Exercises Book 2)
Pilates on the Ball: The World's Most Popular Workout Using the Exercise Ball
La biblia de Dragon Ball/ Dragon's Ball Bible (Spanish Edition)
Basic Cue Ball Control
Fundamentals: Improve cue ball management skills!! The games of drawing room hockey, tether ball, hand tennis, garden hockey, volley ball, basket goal, lawn hockey, wicket polo, hand polo, golf croquet, clock golf, laws of badminton
Behind the 8-Ball: A Recovery Guide for the Families of Gamblers: 2011 Edition
Behind the 8-Ball: A Guide for Families of Gamblers (A Fireside/Parkside Recovery Book)
BEHIND the 8-BALL: A Recovery Guide for the Families of Gamblers
Steiff: Teddy Bears, Dolls, and Toys With Prices, A parade of cuddly animals, dols, and toys from Steiff the famous maker of the Teddy Bear
The Collector's Encyclopedia of Metal Toys: A Pictorial Guide to Over 2,500 Examples of Tinsplate and Diecast Toys Dating from 1850 to the Present Day
British Diecast Model Toys Catalogue: Corgi Toys and Classics, Lledo, E.F.E. Budgie, Spot-on Plus Many Others v. 2
Toys & Prices (Toys and Prices)
Matchbox Toys 1948 to 1993/Identification and Value Guide (Matchbox Toys: Identification & Value Guide)
Timeless Toys: Classic Toys and the Playmakers Who Created Them
Collectors Guide to TV Toys and Memorabilia (Collector's Guide to TV Toys & Memorabilia)
The Baine Chronicles Series, Books 1-3: Burned by Magic, Bound by Magic, Hunted by Magic

