



## The Robot Book: Build Control 20 Electric Gizmos, Moving Machines, and Hacked Toys (Paperback)

By Bobby Mercer

A Cappella Books, United States, 2014. Paperback. Book Condition: New. 203 x 201 mm. Language: English . Brand New Book. Drones, RC cars, artificial limbs, Roombas--the robots have arrived! Don't you want your own? Author and physics teacher Bobby Mercer will show you how to turn common household objects and repurposed materials into 20 easy-to-build robots for little or no cost. Turn a toothbrush, an old cell phone or pager, and scrap wire into a Brush Bot, or hack a toy car to hotwire a Not-So-Remote Bot. A small electric fan, several craft sticks, and rubber bands make a Fan-Tastic Dancing Machine, and drinking straws, string, tape, and glue can be used to construct a working model of the human hand. Every hands-on project contains a materials list and detailed step-by-step instructions with photos for easy assembly. Mercer also explains the science and technology behind each robot, including concepts such as friction, weight and mass, center of gravity, kinetic and potential energy, electric circuitry, DC vs. AC current, and more. These projects are also perfect for science fairs or design competitions.



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[ 3.3 MB ]

### Reviews

*It in a single of my personal favorite pdf. It really is written in basic words instead of hard to understand. Your daily life period will be transform as soon as you complete looking over this pdf.*

-- Vena Sauer DDS

*Great e-book and helpful one. It usually fails to cost an excessive amount of. I discovered this publication from my dad and i encouraged this pdf to find out.*

-- Meagan Beahan

## Related eBooks

---



### [Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities \(Paperback\)](#)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso's groundbreaking and trusted guide on bullying—including cyberbullying—arms parents and teachers with real solutions for a...

---



### [Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: \( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures\) \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...

---



### [The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program \(Paperback\)](#)

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators need to implement early childhood inclusion through...

---



### [How to Make a Free Website for Kids \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter # 2: Signing Up for a Website...

---



### [Hope for Autism: 10 Practical Solutions to Everyday Challenges \(Paperback\)](#)

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Hope for Autism: 10 Practical Solutions to Everyday Challenges, provides answers to the many questions...

---



### [Patent Ease: How to Write You Own Patent Application \(Paperback\)](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Patent Ease! The new How to write your own Patent book for beginners! Because you are a beginner; not a...

---