

Amazing Rubber Band Cars: Easy-to-Build Wind-Up Racers, Models, and Toys

by
Mike Rigsby

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Synopsis

Combining fun and interactive activities, this guide will have kids captivated for hours constructing fantastic racing cars with the basics of only rubber bands, cardboard, and glue. These simple instructions with templates allow budding engineers to gain hands-on experience as they learn not only how to build a basic racer, but how to make modifications such as aluminum foil axle bearings, steering mechanisms, hinges, cam shafts, and wheels made out of old CDs. This helpful resource has step-by-step instructions for making a basic rubber-band model, a railroad push-car, and a high-speed racer. Other unique projects include Oscar the Laughing Clown, which has a jaw mechanism that opens and closes when it moves, and Spot the Dog, which has a moving tail. Children can even learn how to build a rubber band car big enough for a human. Exploring wheels, bearings, and friction, kids will learn not only how to make speedy racers but also the science that makes the process work.

Sort review

"A clever craft collection . . . These projects are fun to construct, and inquisitive minds will be fascinated by the moving cars, whether done for a science project or strictly for leisuretime enjoyment." —School Library Journal
"Filled with fun projects." —Island Family Magazine
"Finally, an engineer writes a book for kids! Amazing Rubber Band Cars is much more than a throwback to the 1950s, when kids made their own toys. Mike Rigsby realizes that you learn more by building than by buying . . . and that home-brewing a cardboard car is just plain fun." —Cliff Stoll, author, *The Cuckoo's Egg*
"These simple instructions with templates allow budding engineers to gain hands-on experience." —Edmonton's Child
About the Author
Mike Rigsby is an electrical engineer who has contributed to several magazines, including *Byte*, *Circuit Cellar*, *Modern Electronics*, and *Robotics Age*.

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What people say about this book

Bob Walpole, "Fun. This book has provided a lot of fun with the kids with things around the house; I recommend it for others"

Fat Kid, "nice material. good stuff to keep one busy for many moons in this book"

L. Haines, "Fun for parents and kids together.. Though some of the projects require adult assistance for younger children, this is a big hit for parent-child projects and folks with a penchant for fun and unusual projects. Especially like the rubber band toys."

Frances Clegg, "Brilliant for Grandsons. This ios just the sort of book I like - all cardboard and string, plus some rubber bands and old CDs!It arrived quickly, and in very good condition. Thanks"

tandy, "Four Stars. Took a while to arrive but great product-lots of creativity involved and good price"

Ebook Library Reader, "awesome. an awesome addition to our library"

Myrna, "Very good for school age children. It was bought to use at a daycare for school children, they are facinated with the idea of actually buildng something that goes.We plan on having a distant race with them, to see who's car travels the farthest."

The book by Mike Rigsby has a rating of 5 out of 4.3. 15 people have provided feedback.

Book Information

Language: English

Paperback: 134 pages

Reading age: 9 years and up

Grade level: 4 - 6

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