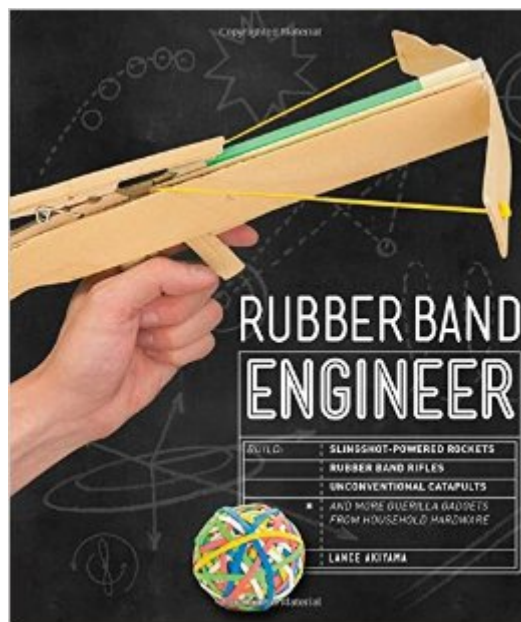


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# Rubber Band Engineer: Build Slingshot Powered Rockets, Rubber Band Rifles, Unconventional Catapults, And More Guerrilla Gadgets From Household Hardware



## Synopsis

"Whoa, that shot a lot farther than I thought it would!" Shooting far, flying high, and delivering way more exciting results than expected are the goals of the gadgets in this book. Discover unexpected ways to turn common materials into crafty contraptions that range from surprisingly simple to curiously complex. In vivid color photos, you'll be guided to create slingshot rockets, unique catapults, and even hydraulic-powered machines. Whether you build one or all 19 of these designs, you'll feel like an ingenious engineer when you're through. Best of all, you don't need to be an experienced tinkerer to make any of the projects within. All you need are household tools and materials, such as paper clips, pencils, paint stirrers, and ice pop sticks. Oh, and rubber bands. Lots of rubber bands. So grab your glue gun, pull out your pliers, track down your tape, and get started on the challenging, fun, and rewarding journey toward becoming a rubber band engineer.

## Book Information

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## Customer Reviews

This book has some AWESOME experiments and creations! My kids went nuts over the things they were seeing and wanted to get started on them immediately. They were disappointed to find I don't have everything they need yet and they have to wait. I bought the book to help out with completing requirements for the Webelos/AOL Engineer adventure elective. I think I am going to have a hard time deciding what activities to do with the boys! Instructions are easy to understand, and the eye appeal of the book is great (it caught the kids' attention immediately, starting with the cover). I foresee a lot of use from this book in our Scout activities AND homeschooling work!

Am planning to purchase approx. 20 more as Christmas Gifts, plus his other books for myself, (hope this doesn't ruin anyone's Christmas surprise). Have mine on the coffee table and thus far three people have read it from cover to cover prior to my getting a chance. Amazing concepts and even better, they really work ! Can not wait to read more books by Lance Akiyama !

Great book! There are a ton of really fun and creative projects. The book is well written, images are clear and it's not hard to follow along with the projects. I definitely recommend this awesome book to anyone looking to create some fun rubber band projects!!

Bought it for my nephew. Not only are the projects unique and challenging (in a good way), the instructions are super clear. The skills he's learned while building these projects transcend the book and have led to other creations and a greater creative confidence.

I am really impressed with "Rubber Band Engineer". The instructions are super clear, the layout is fantastic, and it makes even the more intricate projects accessible, even for younger engineers. Another fun aspect of these projects is that (as the name implies) all of the parts and materials are things you might have lying around your house or office. Want to fling some skittles at your co-worker but only have things like pencils and duct tape? This book has got you covered! I am particularly looking forward to making the paper plane launcher, as I am pretty sure I have designed the greatest paper airplane design."Rubber Band Engineer" is a great gift for a kid, as it encourages them to see everyday objects in a new light. It is also a great gift for people who are still kids at heart!A+ (I want more!)

I bought this book for my two nieces, ages 8 and 10. I'd hoped to provide an opportunity for them to grapple with new concepts and explore some neat ideas in STEM while building awesome projects (and also to introduce a little organized chaos, because that's what aunts do). I can't yet speak to the chaos part, but my nieces are over the moon with this book, and can't wait until they've built every single project therein. The instructions and photos are so clear, and I especially like that there's room to tweak the design and see how that changes the results. They love that the materials are so ordinary and accessible. I anticipate that the projects in this book will make frequent appearances this summer, and absolutely recommend this book to the kids and young-at-heart in your life.

I bought this book for my nephews so they could have a summer of tinkering, and it really is a fun book. It includes great photos and instructions and most of the materials can be found around the house. There are plenty of activities to keep kids (and adults) learning - from catapults to a hydraulic fighting robot!

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