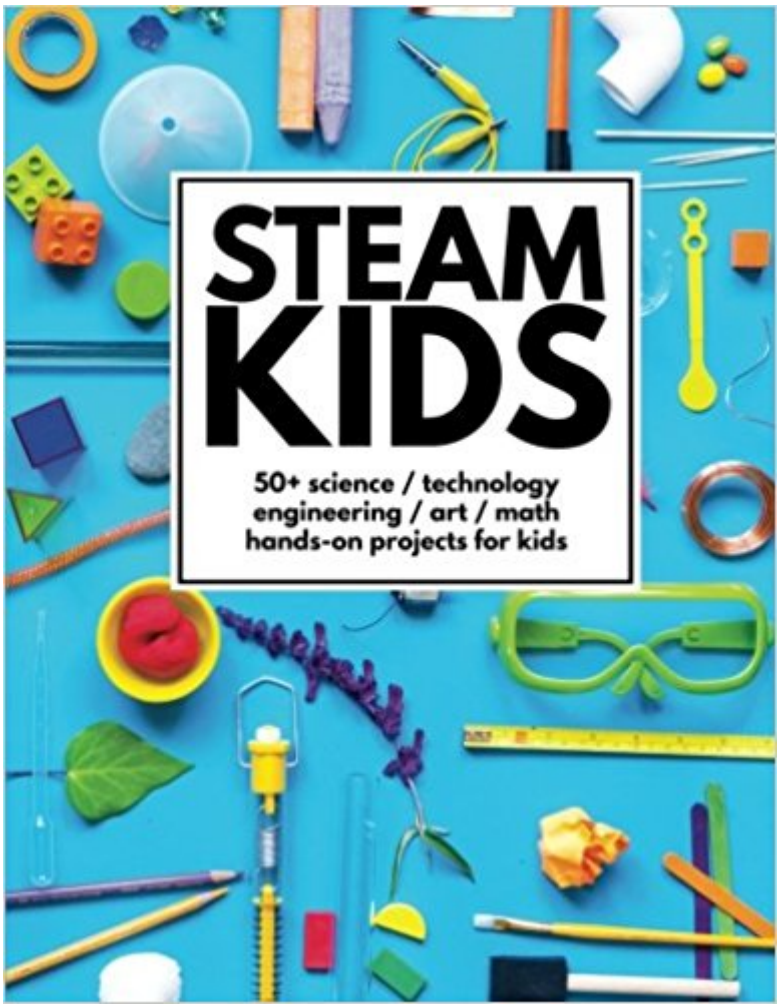
STEAM Kids: 50+ Science / Technology / Engineering / Art / Math Hands-On Projects For Kids



Synopsis

A year’s worth of captivating STEAM (Science, Technology, Engineering, Art & Math) activities that will wow the boredom right out of kids! Created by an MIT engineer, award winning educators, designers, and homeschooling experts, STEAM Kids will inspire your children to: question like a scientist design like a technologist build like an engineer create like an artist deduce like a mathematician â “ and, most importantly â “ play like a kid! Inside you’ll find entertaining and educational projects like: - Rainbow Reactions - PVC Pipe Slingshot - Grafitti Art & Science - Color Changing Play Dough - Diaper Science - Circuit Bugs - Candy Mazes & so much more! Perfect for children ages 4-10, all the step-by-step activities are helpfully coded with difficulty indicators and estimated project times. Helpful project extensions promote further exploration and learning for enthusiastic children. Bonus materials will make things easy for parents and educators, and include: a handy weekly planning guide, project shopping lists, STEAM journal and more. So gather up your curious kids and get your STEAM on!

Book Information

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Customer Reviews

"STEAM Kids is a goldmine of inspiration for parents and educators who are hard-pressed for ideas that straddle the worlds of science, technology, engineering, art, and math. And what fun these projects are! Homemade periscopes, candy mazes, bottle rockets, coding games, tinkering walls. If you're an after school teacher, classroom educator, homeschooler, or curious parent, this well organized, beautifully photographed book will delight and inspire you and your kids to create,

invent, and tinker." Â ~ Â Â Rachelle Doorley author of Tinkerlab: A Hands-On Guide for Little Inventors and founder of TinkerLab.com

The STEAM Kids author team is made up of: Ana Dziengel Amber Scardino Chelsey Marashian Dayna Abraham Erica Clark Jamie Hand Karyn Tripp Leslie Manlapig Malia Hallowell P.R. Newton --This text refers to an alternate Paperback edition.

As a parent who loves to do projects and experiments with my kids (anything to get them learning thru hands on materials!) and has tried and bought LOTS of books over the years, this is one of my favorites! Tons of pictures to help you with experiments, easy to follow steps, simple explanations of why, a large variety of projects divided into categories. The back of the book has a great resource to help you plan a week of experiments/activities, printables, and a list of where to find additional project extensions on the web to further an experiment or idea. There's also a few blank pages in the back which is perfect for a book like this so you can jot down some notes about the experiments (what worked best or how to do it smoother next time!). There are a few things you have to purchase for some of the experiments, like thermochromic pigment for the color changing play doh (I found it here on for about $18) and 3 volt coin batteries and copper taping. But, they are all worthy purchases for the awesome project you're producing. I've been learning right alongside my kids! This book has been great for my 4 year old but the experiments are still new and fun for the 8 and 11 year olds I babysit. Absolutely recommend!

totally great! My kids have been doing more of this and let begging to watch the ipad! So much better to have the book then the on line version when working with my kids. They can flip thru the book and not get side tracked by the computer.

It was good. But I found pretty much all of these projects online for free already. I was hoping that this book would do a better job at helping us parents and educators come up with better terminology to use with the kids on how STEAM applies to each of the projects. Like explain the scientific method as you go. Why did what happened happen? What is the vocabulary?I find that this is more like a standard craft book with some nice ideas. But I don't find that many kids would gain more STEM knowledge from this approach.

OMG! This was one of the best buys ever. Full of fun activities to do with kids. Promotes all aspects

of STEAM. Excited to try all these activities out.

This was a good resource for ideas and gives step-by-step instructions, with list of materials needed. Could have gotten a lot of these ideas freely from the Internet.

Very nice projects and some pretty simple to do.

Will be using this for K-4th grade school library makerspace projects. Great ideas. Worth the money!

Very happy with the book. Would have wanted more experiments.

Science Workbook, 2nd Edition (Barron’s Act Math & Science Workbook) Math For Everyone Combo Book Hardcover: 7th Grade Math, Algebra I, Geometry I, Algebra II, Math Analysis, Calculus