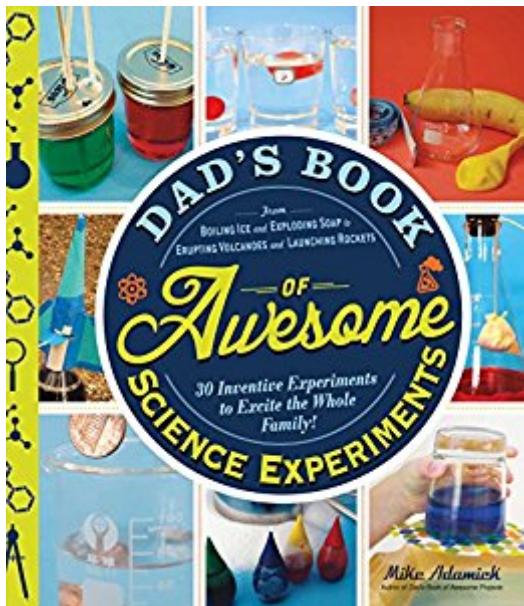


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# Dad's Book Of Awesome Science Experiments: From Boiling Ice And Exploding Soap To Erupting Volcanoes And Launching Rockets, 30 Inventive Experiments To Excite The Whole Family! (Dads Book Of Awesome)



## **Synopsis**

The science behind, "But, why?" Don't get caught off guard by your kids' science questions! You and your family can learn all about the ins and outs of chemistry, biology, physics, the human body, and our planet with Dad's Book of Awesome Science Experiments. From Rock Candy Crystals to Magnetic Fields, each of these fun science projects features easy-to-understand instructions that can be carried out by even the youngest of lab partners, as well as awesome, full-color photographs that guide you through each step. Complete with 30 interactive experiments and explanations for how and why they work, this book will inspire your family to explore the science behind: Chemistry, with Soap Clouds; Biology, with Hole-y Walls; Physics, with Straw Balloon Rocket Blasters; Planet Earth, with Acid Rain; The Human Body, with Marshmallow Pulse Keepers. Best of all, every single one of these projects can be tossed together with items around the house or with inexpensive supplies from the grocery store. Whether your kid wants to create his or her own Mount Vesuvius or discover why leaves change colors in the fall, Dad's Book of Awesome Science Experiments will bring out the mad scientists in your family--in no time!

## **Book Information**

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## Customer Reviews

My five grandchildren were coming for a week-long visit, so I ordered this book to get ideas for fun things to do with them. We had a great time doing some of the experiments, and I really appreciated the clear directions and illustrations. The children range in age from 20 months to nine years, so I didn't spend a lot of time explaining the scientific principles, but I did let the kids do as much as they could for each experiment. We started with the Ivory soap in the microwave; the kids were amazed! Then we polished pennies with vinegar and salt; that was ok. They loved the density experiment with layers of colored liquids (we did the one you can drink)! We had fun with the balloon rockets on a string (we tied it to the top of our deck and sent the rockets up from the yard). The grand finale was the Diet Coke and Mentos rocket - so much fun, although I told the kids they had to keep watching since it's over quickly. My husband took lots of photos of our experiments and a video of the Diet Coke rocket so we could watch it again. Next time the grandkids visit we'll try some more ideas from this great book!

This book is great! I've already done a handful of these experiments with my 3 year old and we've had so much fun. He seems to have grasped the basic concept of decomposition through the Banana Balloon experiment and density through the Floating Grape experiment. Some of these we'll set aside for later on, but a good number of them are simple enough (taking 15 minutes or less) to hold a little kid's attention and interest. Most of the things you need to pull these off are items already around the house. Just awesome.

Just received this book a few days ago and while I have yet to try the experiments with my daughter I would say that the title is deceiving. I could see my wife having just as much fun trying some of these experiments as well. Many of these experiments made me think "Wow, I can't believe how simple and awesome that is!"

I tried the earthworm project with my granddaughter.... As a gardener I have access to many earthworms which made the preparation for this project easy and fun. We both enjoyed digging for the worms and then decorating their new home in the cardboard box. We learned something new and enjoyed the conversation and anticipation about what would happen with our earthworms... Very enjoyable learning experience to share with kids. I appreciate that the author stresses to kids

to treat the earthworms gently, very thought provoking for children. Learning time with kids is so valuable and this book provides many opportunities for that to happen. I highly recommend this book. Enjoy!

Good book, good for little kids, but the fun experiments weren't as much fun as I thought they would be, i.e.: driving around circles/corners fast in a parking lot with your unbuckled kids in the back seat to teach the inertia.

Bought this for my grandson. His dad, my son, who has a PhD in physics, was really excited to see this!

This book is both thorough and easy to follow. If you want your kid to have an enjoyable science experience rather than what you had in high school buy this book!

Not only does this book help kids learn, but it takes the approach that famed professor Randy Pausch (The Last Lecture) called, "the head fake," meaning that the kids are having fun doing science, and that learning is a byproduct of that joy. My kids and I have vowed to do at least one experiment a day over the summer, and I think that is an easily attainable goal, since Adamick's experiments are not only easy enough to accomplish one day at a time, but they are also designed with the working parent in mind (i.e., inexpensive). This book is going to make a perfect accompaniment to summer fun, as it will not only provide memories of time spent with dad, but it will also keep their brains engaged, rather than turn to mush by watching TV or playing video games all summer long.

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