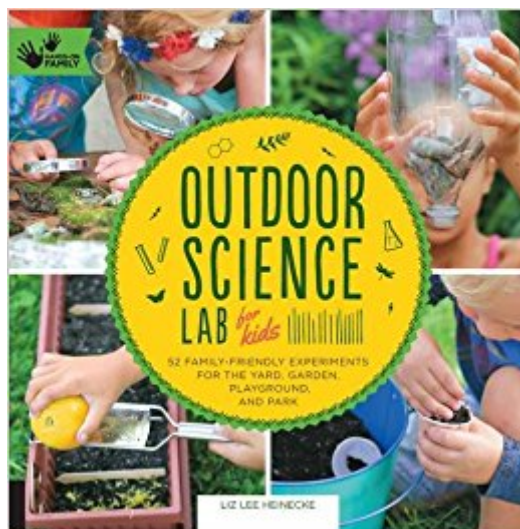


The book was found

Outdoor Science Lab For Kids: 52 Family-Friendly Experiments For The Yard, Garden, Playground, And Park (Lab Series)



Synopsis

Learn physics, chemistry and biology in your own backyard! At-home science provides an environment of freedom, creativity and invention that is not always possible in a school setting. It's simple, inexpensive, and fun to whip up a number of amazing science experiments in your own backyard. Science can be found all around in nature. Outdoor Science Lab for Kids offers 52 fun STEM activities for families to do together. The experiments can be used as individual projects, for parties, or as educational activities for groups. Outdoor Science Lab for Kids will tempt families to learn about physics, chemistry, biology, and nature, plus, they'll learn scientific survival skills and even take some experiments to the playground! Many of the experiments are safe enough for toddlers and exciting enough for older kids, so families can discover the joy of science and STEM education together.

Book Information

Lexile Measure: 1050 (What's this?)

Series: Lab Series

Flexibound: 144 pages

Publisher: Quarry Books (June 1, 2016)

Language: English

ISBN-10: 1631591150

ISBN-13: 978-1631591150

Product Dimensions: 8.8 x 0.6 x 8.8 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars 40 customer reviews

Best Sellers Rank: #22,566 in Books (See Top 100 in Books) #9 in [Books > Children's Books > Education & Reference > Science Studies > Chemistry](#) #22 in [Books > Children's Books > Science, Nature & How It Works > Experiments & Projects](#) #35 in [Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies](#)

Age Range: 8 - 12 years

Grade Level: 2 - 5

Customer Reviews

Liz Lee Heinecke has loved science since she was old enough to inspect her first butterfly. After working in molecular biology research for ten years and getting her master's degree, she left the lab to kick off a new chapter in her life as a stay-at-home mom. Soon she found herself

sharing her love of science with her three kids as they grew, journaling their science adventures on her KitchenPantryScientist website. Her desire to spread her enthusiasm for science to others soon led to a regular segment on her local NBC affiliate, an opportunity to serve as an Earth Ambassador for NASA, and the creation of an iPhone app, with the goal of making it simple for parents to do science with kids of all ages, and for kids to experiment safely on their own. You can find her at home in Minnesota, wrangling her kids, writing for her website, updating the KidScience app, teaching microbiology to nursing students, singing, playing banjo, painting, running, and doing almost anything else to avoid housework. Liz graduated from Luther College and received her master's degree in bacteriology from the University of Wisconsin, Madison.

Our granddaughter who just turned 9, loves this book.

fun ideas

Oh my gosh I can't tell you how excited my 4 kids are. We all sat down and read through each experiment and the conclusion was "Mom, let's do them all as a challenge for the summer." My 9 year old fell asleep with it in his bed and he had post it notes about the ones he wanted to do. Thanks for making such a wonderful book with so many different options that will work across varying ages! I can't wait to get started!

We are loving this book! Easy to understand the experiments as it is all laid out so nicely on every page. My daughter went through the book and took sticky notes to mark what experiments she wanted to do.... She is 10 years old. Her little sister who is 5 helped make the lip balm which was really fun. A few tips.... We found lip balm plastic holders at the hobby lobby store, we used pure beeswax soap from whole foods and chopped it up, and we used flavored drinks to create the scent. Super fun and super sciency!!! 5 stars for this book!

As a mother of a toddler and as a middle school science teacher, I am happy to share that this book is gold! The labs and discussions are easy to modify to your target audience, whether that be a group of 30 teenagers or a single two-year-old. The book is easy to navigate, the materials required for the labs are almost all things you already have at home, and the pictures are beautiful and helpful! Gold!!

What a wonderful book! Children will recognize the fun involved in each experience, and parents will appreciate the learning that is bound to happen along the way. The colorful, lovely photography engages adults and children alike. A great resource for homeschooling families needing ideas or a bit of excitement as they discover the various realms of science. I especially appreciated the variety of scientific areas: creatures, physics, invertebrates, chemistry, botany, atmospheric/solar science, water, physics, gardening, ecology, earth science, and "frozen fun". Most items required are simple household materials, though some are slightly more specialized.

As a Director of a large preschool in Minnesota, we're always seeking out fun science experiments for the outdoors - What's great about this book is both warm and cold climate activities are included. The book is user friendly for adults, and also engaging for young children. The pictures create excitement and desire to get outdoors and explore the world around us. I'm excited to share this with my staff and the children in our program and also with with my own grandchildren; all ages will LOVE this book. What's also great is that for almost all of the experiments presented, the required materials for the experiments are things that you already have. This is more than a book of science experiments, it a way to engage all ages to spend quality time together outdoors, not inside watching a screen, Nicely done!

All of her science books for kids have been easy reads and my kids love the experiments, which usually can be done with items on hand around the house. But this one gets them outside, which is particularly beneficial. Keep them coming!

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