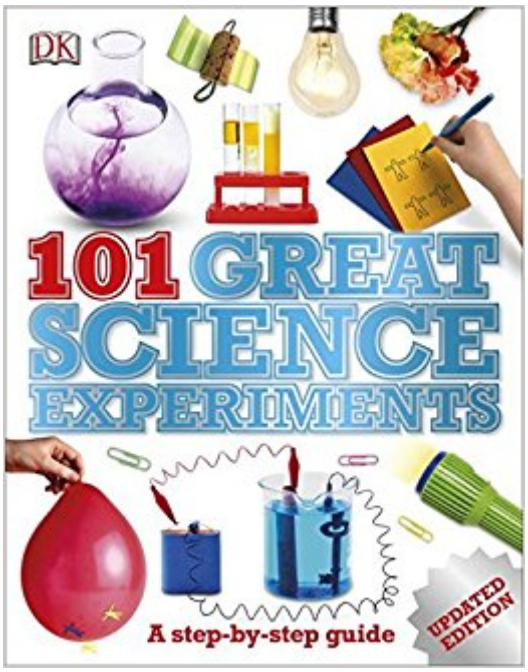
# 101 Great Science Experiments



## Synopsis

With more than 300,000 copies sold, this book is a fun and comprehensive step-by-step science experiment resource jam-packed with 101 great ideas.Whether you’re looking for ideas for the science fair or projects to encourage learning at home or in the classroom, 101 Great Science Experiments is organized into 11 different science subjects and includes experiments for almost any interest area. The book includes plenty of experiments for adults and children to do together, but for kids who want more independence, it also includes experiments that can be done by children alone. Photos, illustrations, and step-by-step instructions make each process clear and accessible.A classic for families since 1993, this new edition of 101 Great Science Experiments has been updated, expanded, and improved for the next generation of young scientists.

## Book Information

Lexile Measure: IG730L (What’s this?)

Paperback: 120 pages

Publisher: DK Children; Reissue edition (December 15, 2014)

Language: English

ISBN-10: 1465428267

ISBN-13: 978-1465428264

Product Dimensions:  8.5 x 0.3 x 10.9 inches

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

Average Customer Review:  4.6 out of 5 stars  178 customer reviews

Best Sellers Rank: #18,720 in Books (See Top 100 in Books)  #16 inÃ  Â Books > Children’s Books > Science, Nature & How It Works > Experiments & Projects

Age Range: 8 - 12 years

Grade Level: 3 - 7

## Customer Reviews

Grade 3-6-A colorful volume that is wide in scope but shallow in content. Ardley introduces many areas of science from electricity, to sound and music, to motion and machines. Each activity is given between half a page and two pages, and is illustrated with bright, full-color photographs that clearly show each step in the process. Two or three sentences summarize what takes place, but little of the science is explained. For instance, in "Fly a hot-air balloon" readers are told that hot air rises, but not why. The book does do a good job of presenting science as enjoyable and exciting. It could be useful if supplemented by titles such as Stephen P. Kramer’s How to Think Like a Scientist

(HarperCollins, 1987) and books on specific areas of interest, such as those found in the "Eyewitness Science" series.Janet K. Hamilton, Museum of Science, BostonCopyright 1994 Reed Business Information, Inc. --This text refers to an alternate Paperback edition.

Gr. 3-5. Many of these 101 science experiments are great, but there’s also plenty of standard fare, such bottle gardens, construction of a circuit, and the perennial erupting volcano. What makes this book special is the clean, simple format with equally simple instructions. The experiments are grouped into 11 categories, including water and liquids, electricity, motion and machines, and the senses. Most of the experiments are laid out in seven steps or less. Crisp, color photographs and concise captions make each step easy to follow. Children of various ages are shown performing many of the procedures. A warning about being a safe scientist is fairly inconspicuous on the verso of the title page; a symbol for adult supervision is described there and appears throughout the text where cutting, heating, and potentially harmful substances are required. Young scientists should find plenty of ideas for experiments and activities that can be done with ordinary household items and found materials. Denia Hester --This text refers to an alternate Paperback edition.

We got this book for my daughter who can not get enough of the science stuff!! She really loves and understands science. It motivates her to constantly learn more and to even teach what she has learned to everyone she comes in contact with. She is almost 13 and loves this book. She does experiments with her friends. It’s so refreshing to see teen girls actually interacting with each other, working through experiments, and having fun while learning rather than "interacting" by being in the same room on the phone or tablet. I definitely recommend this book to anyone!

I bought this book as a gift for my son who loves to do science experiments. The last 2 school years (5th&6th grade) the have to do a science experiment in front of an audience at school and my son was easily able to find experiments that he loved. This was a great product with lots of fun ideas for science experiments for kids. I would absolutely recommend this book for anyone with kids that love to do experiments.

Interesting & easy science experiments. My 10 year old grabbed it as soon as it got here & even took it to cub scouts with him so he could continue looking through it. Good for a child if around 10 & younger too. Easy, step by step.

Excellent hands-on, easy experiments and projects that are engaging and help people to understand the natural world around them. Great pictures, explanations, and descriptions. The materials are simple and cheap and can be found around the house for the most part. This is a nice collection. Also look into "The Science of....." series by Neil Ardley. They are excellent resources. Just want to buy one? Get this one: it’s fantastic and comprehensive!

I bought this for my nephew who loves science. He uses it all the time and loves doing the experiments inside of it. I would recommend it to anyone who enjoys science.

Simple experiments. Most are actually common sense and you can find easily with a quick google search. Really, this book can be built on your own. However, there are a few random experiments that catch you off guard and may surprise you a little. Great for most teens interested in science

101 Great Science Experiments Paperback by Neil ArdleyLots of categories to choose from. my favorite would be colors.Looking through the book there are bound to be ones we can make right away. Otherwise we will find one that we like and make a list of things to buy at the store.Water displacement was a fun one to do using marbles just gotten at Christmas.I think I will also get the nature experiments as well..

We took the book and did most of the experiments in one weekend. It was great. They had fun and learned at the same time. This is a great book.

Experiments (Facts on File Science Experiments) Genetics Experiments (Facts on File Science Experiments) Human Body Experiments (Facts on File Science Experiments) Weather and Climate Experiments (Facts on File Science Experiments) Ecology Experiments (Facts on File Science Experiments) Environmental Science Experiments (Experiments for Future Scientists) 101 Great Science Experiments Incredible Earth Science Experiments for 6th Graders - Science Book for Elementary School | Children's Science Education books Garbage and Recycling: Environmental Facts and Experiments (Young Discoverers: Environmental Facts and Experiments) Experiments for Future Forensic Scientists (Experiments for Future Stem Professionals) The 101 Coolest Simple Science Experiments: Awesome Things To Do With Your Parents, Babysitters and Other Adults