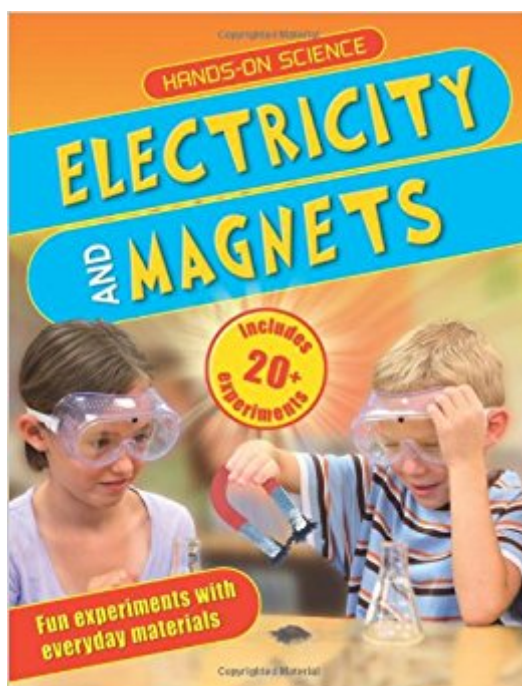


The book was found

# Hands-On Science: Electricity And Magnets



## Synopsis

These giant books of projects and experiments take a hands-on approach to science concepts. Hundreds of simple and easy experiments explore various scientific principles behind natural phenomena like friction, centrifugal force, and the underlying laws of physics that help make machines work. These fun yet practical experiments make it easy for anyone to become a rocket scientist! Help turn on light bulbs in young minds with this fun-filled exploration of electricity and magnetism. Arranged in a logical sequence to help young learners grasp how phenomena are related to one another. Topics like static electricity, currents, and magnetic domains have never been easier to tackle. Hands-On Science: Electricity and Magnets - by Sarah Angliss and Maggie Hewson - offers simple, step-by-step experiments that produce dramatic results, callouts with clear explanations of the scientific concept governing each experiment, scientific study has never been easier.

## Book Information

Series: Hands-on Science

Paperback: 32 pages

Publisher: Kingfisher (April 16, 2013)

Language: English

ISBN-10: 0753467844

ISBN-13: 978-0753467848

Product Dimensions: 7.6 x 0.2 x 10 inches

Shipping Weight: 4.8 ounces

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,131,048 in Books (See Top 100 in Books) #122 in Books > Children's Books > Education & Reference > Science Studies > Electricity & Electronics #451 in Books > Children's Books > Education & Reference > Science Studies > Physics #610 in Books > Children's Books > Science, Nature & How It Works > Experiments & Projects

Age Range: 7 - 10 years

Grade Level: 2 - 5

## Customer Reviews

Grade 4-6-Four authors of science books for children have contributed 150 easy-to-follow experiments about forces and motion, sound and light, electricity and magnets, and matter and materials. Each one is designed to take from 5 to 20 minutes to put together and execute (excluding

the time it takes for glue to dry). Waiting for and observing the results may take longer, for example, growing crystals. Children must be able to cut accurately with scissors, and tape and glue with precision. The experiments are carefully selected to illustrate basic concepts such as weight and gravity, push and pull, and properties of matter. Colorful computer-generated illustrations and photographs accompany each observation. Safety precautions are included at the beginning of each section and reiterated when necessary. These experiments are accessible, easy to perform, and interesting. Kathryn Kosiorek, Cuyahoga County Public Library, Brooklyn, OH Copyright 2002 Cahners Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

Sarah Angliss has worked at the Science Museum in London, England organizing exhibitions and demonstrations for children ages 6-14. She has also written several children's books on applied and contemporary science. Maggie Hewson has taught science to elementary and middle school children for 23 years. Her present school is the recipient of the UK's Science School of the Year award.

I purchased this item for 1st graders and it was definitely too advanced for them to manage on their own. When I taught the experiments as a whole group, the kids definitely enjoyed what they were doing.

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Student Edition (GLEN SCI: ELECTRICITY/MAGNETIS) What Is Electricity? (Understanding Electricity (Crabtree)) Science Play (Williamson Little Hands Series) (Williamson Little Hands Book (Paperback)) Learn About Our World: With magnets to use again and again! The Pain Relief Breakthrough: The Power of Magnets to Relieve Backaches, Arthritis, Menstrual Cramps, Carpal Tunnel Syndrome, Sports Injuries, and More

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