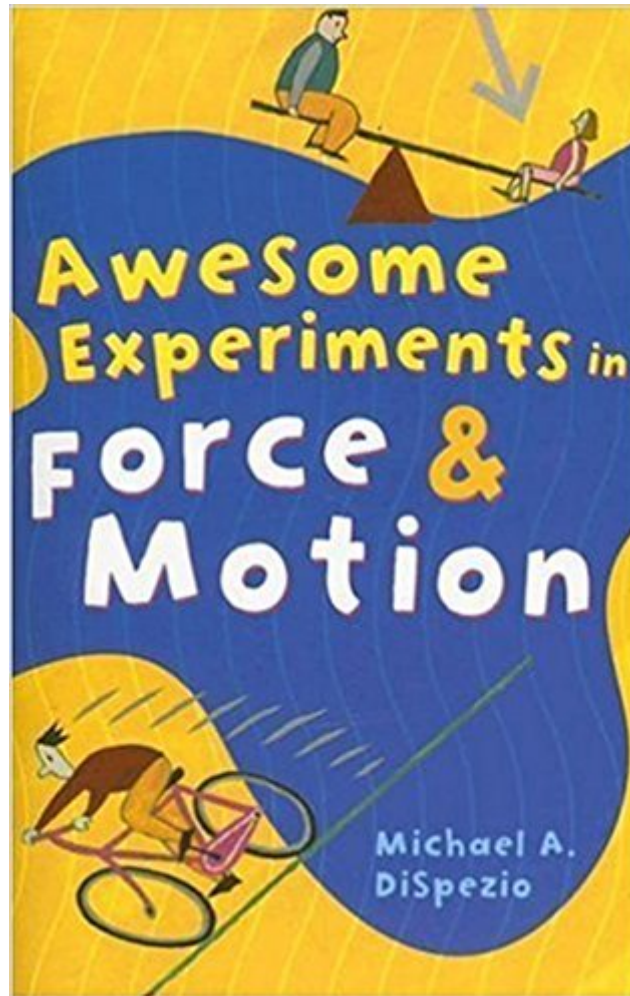




Ebook Directory
the best source of ebook

The book was found

Awesome Experiments In Force & Motion



Synopsis

"...Easy to duplicate, [these experiments] demonstrate the intended principles and encourage critical thinking. The author's style is lighthearted but clear."--School Library Journal
The force is with us--and these experiments prove it. Whether kids are creating soap-powered fish or sending potato pieces flying into the sky, every activity is as educational as it is entertaining. Demonstrate inertia with a super-amazing Card Shot trick that seems magical but is a simple matter of science. Locate the center of gravity by checking out where a cardboard rocket ship lands (there's a picture to trace to help you make the rocket), and create your own "great salt lake" in the kitchen to demonstrate buoyancy. Ordinary, easy-to-find materials are all you need to get moving on these fun-filled investigations.

Book Information

Lexile Measure: 800L (What's this?)

Series: Awesome Experiments in

Paperback: 160 pages

Publisher: Sterling (June 28, 2006)

Language: English

ISBN-10: 1402723717

ISBN-13: 978-1402723711

Product Dimensions: 8.2 x 5.4 x 0.5 inches

Shipping Weight: 6.4 ounces

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #2,307,548 in Books (See Top 100 in Books) #61 in Books > Children's Books > Growing Up & Facts of Life > Health > Weight #1068 in Books > Children's Books > Science, Nature & How It Works > Experiments & Projects

Age Range: 9 - 12 years

Grade Level: 4 and up

Customer Reviews

Grade 5-8-Over 70 physics experiments are presented in five broad areas, covering inertia, buoyancy, surface tension, air pressure, and propulsion. Each entry includes a brief introduction, a list of materials needed, instructions, and a discussion of the scientific theory behind the results. This last section is what really makes the experiments meaningful. Some of the explanations raise questions concerning alternate approaches to the problem or ask readers what would happen if a

step were changed or if a different material or item were used. The activities rely primarily on inexpensive household objects for effective results. While easy to duplicate, they demonstrate the intended principles and encourage critical thinking. The author's style is lighthearted but clear. Each experiment is accompanied by at least one cartoonlike black-and-white line drawing that illustrates a step in the process. Safety warnings remind readers to enlist an adult's help whenever sharp edges, heat, or any other hazard is involved. In quality and level of the projects, this book is similar to Robert Gardner's *Experiments with Motion* (Enslow, 1995). Either one will be adequate in most collections. Jeffrey A. French, Euclid Public Library, OH Copyright 1999 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

[Download to continue reading...](#)

Captain Awesome 4 Books in 1! No. 2: Captain Awesome to the Rescue, Captain Awesome vs. Nacho Cheese Man, Captain Awesome and the New Kid, Captain Awesome vs. the Spooky, Scary House 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) Awesome Experiments in Force & Motion The Spinning Blackboard and Other Dynamic Experiments on Force and Motion (Army Air Force and U.S. Air Force Decorations) Decorations, Medals, Ribbons, Badges and Insignia of the United States Air Force: World War II to Present, 2nd Edition Janice VanCleave's 201 Awesome, Magical, Bizarre, & Incredible Experiments The 101 Coolest Simple Science Experiments: Awesome Things To Do With Your Parents, Babysitters and Other Adults The Everything Kids' Easy Science Experiments Book: Explore the world of science through quick and fun experiments! (Everything® Kids) Science Experiments For Kids: 40 + Cool Kids Science Experiments (A Fun & Safe Kids Science Experiment Book) Awesome Experiments in Light & Sound Garbage and Recycling: Environmental Facts and Experiments (Young Discoverers: Environmental Facts and Experiments) Junk Drawer Chemistry: 50 Awesome Experiments That Don't Cost a Thing (Junk Drawer Science) Environmental Experiments About Air (Science Experiments for Young People) Junk Drawer Physics: 50 Awesome Experiments That Don't Cost a Thing (Junk Drawer Science) Awesome Things You Must Do in Retirement: Ultimate Guide to an Awesome Life After Work Adult Coloring Books: Awesome Animal Designs and Stress Relieving Mandala Patterns for Adult Relaxation, Meditation, and Happiness (Awesome Animals) (Volume 2) Adult Coloring Books: Awesome Animal Designs and Stress Relieving Mandala Patterns for Adult Relaxation, Meditation, and Happiness (Awesome Animals) (Volume 1) Awesome Memes 9: The most awesome rage comics in this one! Space and Astronomy Experiments (Facts on File Science Experiments) Simple Machine Experiments Using Seesaws, Wheels, Pulleys, and More:

One Hour or Less Science Experiments (Last-Minute Science Projects)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)