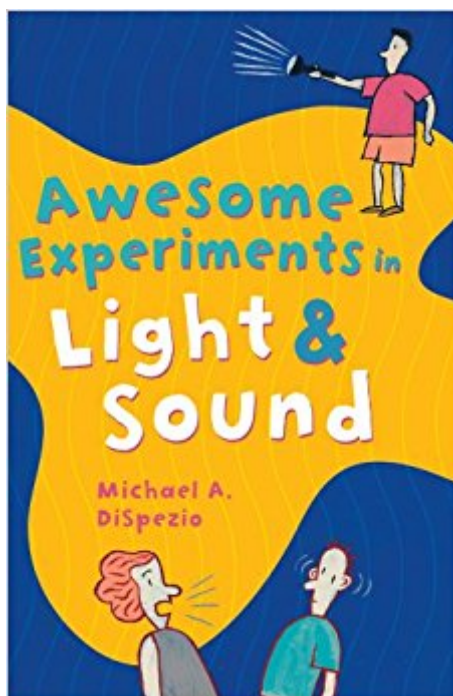


The book was found

Awesome Experiments In Light & Sound



Synopsis

These totally awesome, kid-friendly experiments teach the scientific basics of light and sound. And they're easy to carry out, using the most ordinary materials found around the house. Just grab a boom box, toilet paper tube, rubber band, or drinking straw to create a little smart magic. And it's fun to make cereal dance to the music and watch light bounce off a mirror and hit a bull's-eye. Hear your heart pumping through a funnel and tubing. Build a "ray maker" to display the visible spectrum of light in a glorious rainbow tray. These experiments will change the way you look and listen to the world around you!

Book Information

Lexile Measure: 760L (What's this?)

Series: Awesome Experiments in

Paperback: 160 pages

Publisher: Sterling (August 1, 2006)

Language: English

ISBN-10: 1402723725

ISBN-13: 978-1402723728

Product Dimensions: 8.1 x 6 x 0.5 inches

Shipping Weight: 7 ounces

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #458,280 in Books (See Top 100 in Books) #6 in [Books > Children's Books > Science, Nature & How It Works > Light & Sound](#) #287 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-A collection of 73 experiments presented with enthusiasm and humor. Those on light include spectra, reflection, and refraction. The principles of sound are explored through experiments with vibration, pitch, and resonance. Many of the experiments, such as those involving a grass whistle or creating a rainbow with a mirror in a tray of water, will be familiar. However, the author expands on these initial concepts and explains the scientific principles behind them. Clear, serviceable black-and-white cartoons appear throughout. Further exploration is invited through a series of questions labeled "Check It Out." Safety and caution are emphasized in the introductory

matter. Although other titles explore light, this collection is more inclusive. Kathryn Kosiorek, Cuyahoga County Public Library, Brooklyn, OH Copyright 1999 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

The author resides in North Falmouth, MA. --This text refers to an out of print or unavailable edition of this title.

This resource provides teachers and parents with 73 concrete experiments providing basic knowledge of light and sound.

[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 Light & Sound Janice VanCleave's Physics for Every Kid: 101 Easy Experiments in Motion, Heat, Light, Machines, and Sound Janice VanCleave's Physics for Every Kid: 101 Easy Experiments in Motion, Heat, Light, Machines, and Sound (Science for Every Kid Series) Sound Innovations for String Orchestra: Sound Development (Intermediate) for Violin: Warm up Exercises for Tone and Technique for Intermediate String Orchestra (Sound Innovations Series for Strings) ABC & 123 Learning Songs: Interactive Children's Sound Book (11 Button Sound) (11 Button Sound Book) Making Waves: Sound : Sound (Everyday Science): Sound (Everyday Science) The SOS Guide to Live Sound: Optimising Your Band's Live-Performance Audio (Sound On Sound Presents...) Awesome Experiments in Force & Motion 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) 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)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)