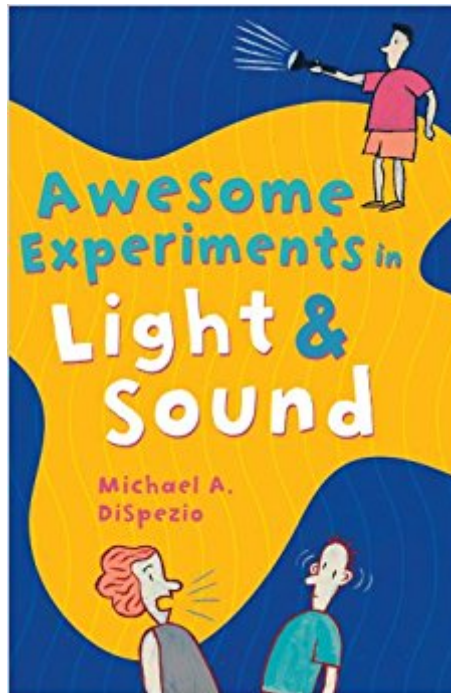




The book was found

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

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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.

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