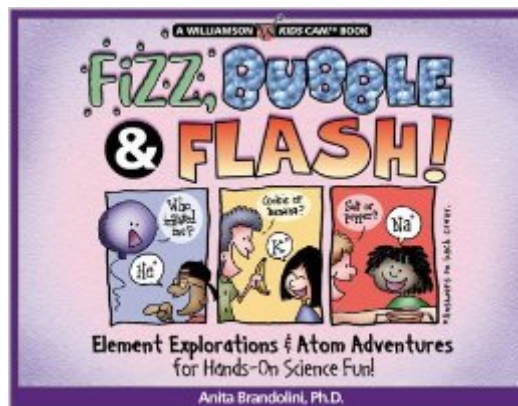


The book was found

Fizz, Bubble & Flash!: Element Explorations & Atom Adventures For Hands-On Science Fun! (Williamson Kids Can! Series)



Synopsis

For ages 8+. What do elements have to do with your everyday life? They make your world -- and beyond -- move and groove, fizz, bubble and flash! Discover what you have in common with party balloons, footballs, computer chips, pizza dough, table salt and TV screens; "Break" a water molecule, produce fluorescent light (without using a switch!), enjoy a half-life snack, compare antiperspirants, and separate the iron from your breakfast cereal! Find out why broccoli smells, why soda makes a coin shine, the secret of static cling, and what makes a smoke detector work.

Book Information

Series: Williamson Kids Can!

Paperback: 128 pages

Publisher: Williamson Pub; First Edition edition (May 1, 2003)

Language: English

ISBN-10: 188559383X

ISBN-13: 978-1885593832

Product Dimensions: 8.5 x 11 x 0.4 inches

Shipping Weight: 11.2 ounces

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (22 customer reviews)

Best Sellers Rank: #265,015 in Books (See Top 100 in Books) #35 in [Books > Children's Books > Education & Reference > Science Studies > Chemistry](#) #159 in [Books > Children's Books > Science, Nature & How It Works > Experiments & Projects](#) #250 in [Books > Science & Math > Science for Kids](#)

Age Range: 9 and up

Grade Level: 4 and up

Customer Reviews

I bought this book to get ideas for a summer science camp at the public library that my sons and I are hosting. It is an excellent resource loaded with information and interesting experiments. I do not give it 5 stars, though, because the first experiment we tried -- crushing Iron-fortified cereal with a rolling pin and then using a magnet to separate out the iron -- did not work. Since I had used a generic brand of iron-fortified cereal, I thought maybe that was the problem and I purchased Total (the brand recommended in the book) and tried again. No dice. Another mother whose husband is a chemist said that you have to add water to the crushed cereal to fully separate the iron. IDK, I haven't tried that - but it is not what this book says you have to do. We will soon be trying other

experiments in the book and hopefully they will work better! July 2014 update: Okay, we've now done three more experiments, and only one of the three worked (making a dollar bill "dance" by holding a Neodymium magnet next to it). Here are the two experiments which have not worked: Zirconium (p. 90): the experiment said to use aluminum foil over a glass or metal bowl filled with ice and water to produce the condensation necessary to show that the Zirconium in anti-perspirants absorbs moisture; we waited over 30 minutes and never got any condensation on the foil, plus the experiment did not explain why the bowl had to be glass or metal instead of plastic. We finally got this to work -- for a summer science camp at our local library -- by applying anti-perspirant to the sides of small plastic applesauce cups (cleaned first, of course) and omitting the aluminum foil entirely.

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