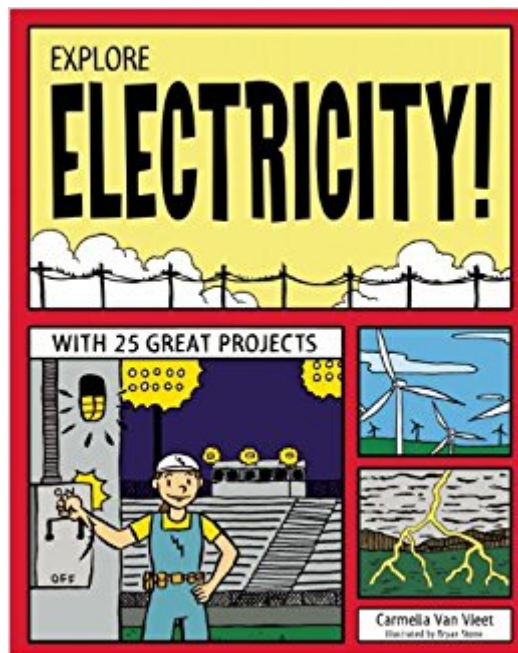


The book was found

# EXPLORE ELECTRICITY!: WITH 25 GREAT PROJECTS (Explore Your World)



## Synopsis

Given the pace of how we harness and utilize electricity, as well as the importance of developing new sources of energy, electricity is a timely subject for kids to explore. In *Explore Electricity! With 25 Great Projects*, kids ages 6-9 will learn the basics of electricity: currents, circuits, power, magnetism and electromagnetism, motors and generators. They'll become more attuned to how much they rely on electricity in their daily lives. They'll also understand that while electricity is a wonderful resource, and one we've used to our advantage ever since it was discovered, the future of how we make and use electricity is still changing and there are things they can do today to impact these changes. This title invites kids to experiment on their own with 25 simple projects that will spark their learning and enthusiasm, including making their own clothespin switch, lemon battery, compass, electromagnet, and flashlight, as well as generating their own lightning. These hands-on activities combined with informational text will excite kids about STEM? the interrelated fields of science, technology, engineering, and mathematics.

## Book Information

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

Series: Explore Your World

Paperback: 96 pages

Publisher: Nomad Press (August 1, 2013)

Language: English

ISBN-10: 1619301806

ISBN-13: 978-1619301801

Product Dimensions: 0.2 x 8 x 10 inches

Shipping Weight: 8.5 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #746,245 in Books (See Top 100 in Books) #86 in Books > Children's Books

> Education & Reference > Science Studies > Electricity & Electronics #297 in Books >

Children's Books > Education & Reference > Science Studies > Physics #335 in Books >

Children's Books > Science, Nature & How It Works > How Things Work

Age Range: 6 - 9 years

Grade Level: Kindergarten - 4

## Customer Reviews

We're homeschooling nerds, and my wife bought this book to teach our eldest (boy) about

electricity, as he's been increasingly curious. I'm a hobbyist and professional electronics technician, and I'd say this is a good start to introduce some basic concepts and history to kids. It has a good mix of historical background information, as well as fun activities and experiments for kids to try out at home with readily available materials and household objects. I've got a couple of small nitpicks, but I didn't think it worth taking away a star, as I may be a little too critical. For example, the book defines electrocution as any encounter with electricity that causes pain or discomfort (or death). However, I subscribe to the Webster's definition of electrocution being strictly a shock that results in death, and other shocks as simply that - electric shock. Also, they indicate the schematic symbol for a resistor as a rectangular box, which can be correct, but they also failed to include the popular 'zig-zag' version of the resistor symbol, which I think is more common (at least in electronics, maybe the other is more common in electrical/power work?). Other than those little nitpicks, I think the book is great, and those are two items I can easily cover with my kids. It's a great buy, and your kids will have lots of fun with hands on learning and activities.

My grandson loves it. My daughter the teacher loves it because it explains the theory.

nice book

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