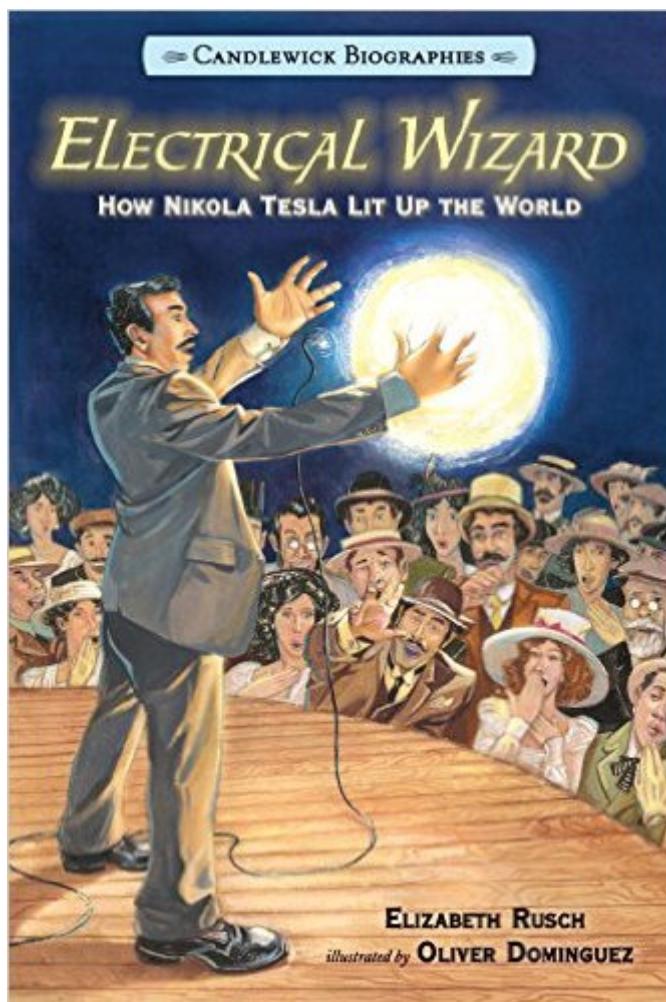


The book was found

# Electrical Wizard: Candlewick Biographies: How Nikola Tesla Lit Up The World



## **Synopsis**

Move over, Thomas Edison! Nikola Tesla takes the spotlight in a biography of the man who pioneered modern electrical engineering and changed the course of history. When a Serbian boy named Nikola Tesla was three, he stroked his cat and was enchanted by the electrical sparks. By the time he was a teenager, he had made a vow: Someday I will turn the power of Niagara Falls into electricity. Here is the story of the ambitious young man who brought life-changing ideas to America, despite the obstructive efforts of his hero-turned-rival, Thomas Edison. From using alternating current to light up the Chicago World's Fair to harnessing Niagara to electrify New York City and beyond, Nikola Tesla was a revolutionary ahead of his time. Remote controls, fluorescent lights, X-rays, speedometers, cell phones, even the radio all resulted from Nikola Tesla's inventions. Established biographer Elizabeth Rusch sheds light on this extraordinary figure, while fine artist Oliver Dominguez brings his life and inventions to vivid color. Back matter includes additional information about Tesla, scientific notes and explanations, source notes, a bibliography, and suggestions for further reading.

## **Book Information**

Series: Candlewick Biographies

Paperback: 56 pages

Publisher: Candlewick (September 8, 2015)

Language: English

ISBN-10: 0763679798

ISBN-13: 978-0763679798

Product Dimensions: 6 x 0.2 x 9 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars See all reviews (8 customer reviews)

Best Sellers Rank: #78,205 in Books (See Top 100 in Books) #11 in Books > Children's Books > Education & Reference > Science Studies > Electricity & Electronics #24 in Books > Children's Books > Science, Nature & How It Works > Inventions & Inventors #77 in Books > Children's Books > Biographies > Science & Technology

Age Range: 8 - 12 years

Grade Level: 3 - 7

## **Customer Reviews**

Light on dates within the text, as others have noted, HOWEVER, a very clear timeline of important

events is included in an appendix after the story. The story is always in the details and this one relies on the details of his life to keep the interest of primary readers. We found it engaging as an introduction to the controversial and incomprehensible genius of Tesla. In conjunction with The Inventor Tesla, a graphic novel with amazing illustrations and uncanny knack for building suspense, these two books could give your child a real love of the fascinating LIFE of inventors. As if the inventions weren't good enough, their lives are inspirational, too! Let them explore more with youtube and. Netflix and you may have an inventors revolution in your classroom or home:) These inspired a homemade 9v Tesla Coil for a primary school student. FYI: Budding Tesla "Coilers" should research the schematics and add an LED with its OWN r-valued resistor.... It will make sense when you try it:)

Very Interesting; Book relates to Young Readers! MS Rusch provides Nikola's Energy Power Secret; i.e, = "Resonance Tuning w/ Bifilar wound Coils"(Tesla never' ID'd this; to keep others from stealing his patents) tho he said that in 100 yrs (from 1920's)..ThatMankind will understand how in Colorado; Lighting up Glass Globes & Motors; 20 miles from his lab w/out wires!He detailed this in his Lecture @ Franklin Institute w/ winding Chart & tuning approach to raise 1 Volt to 110 V !His Colorado notes cover this in detail .. & why July 3rd 1899, was key to his "Power & VSWR!" - Free Energy ! We consulted as "Tesla Inc" for years,,,

Although I am so happy to finally see a kid's book about Tesla on the market, I also know that it still does not cover the most significant of his discoveries. I teach my students that Tesla said "If you want to find the secrets of the universe, think in terms of energy, frequency and vibration." Tesla, like Wilhelm Reich, who called it Orgone Energy, understood what the ancient civilizations understood, that the entire planet is energy and if you can harness it, it is free, inexhaustible and regenerative.

Easy to read, well written and nicely laid out. Perfect for the science-curious middle schooler! We bought it for a book report - my son is obsessed with Tesla.

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