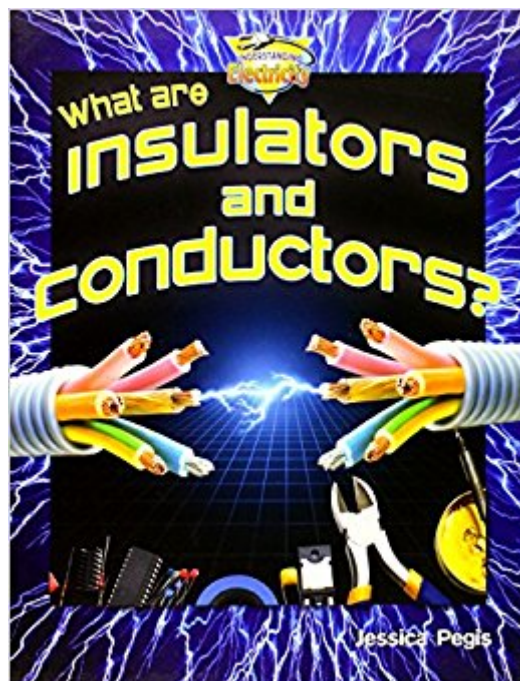




The book was found

What Are Insulators And Conductors? (Understanding Electricity) (Understanding Electricity (Crabtree))



Synopsis

This informative title introduces readers to the electrical properties of different materials. Readers will learn that conductors are materials that allow the flow of electricity, while insulators are materials that do not allow the flow of electricity. Clear text and relatable, real-world examples help readers understand the importance of conductors and insulators and how each reacts to electric current. Readers will also learn how to perform simple tests to identify materials that are conductors and insulators.

Book Information

Lexile Measure: 940 (What's this?)

Series: Understanding Electricity (Crabtree) (Book 2)

Paperback: 32 pages

Publisher: Crabtree Pub (March 30, 2012)

Language: English

ISBN-10: 0778720837

ISBN-13: 978-0778720836

Product Dimensions: 8.3 x 0.2 x 10.7 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,237,821 in Books (See Top 100 in Books) #135 in Books > Children's Books > Education & Reference > Science Studies > Electricity & Electronics #506 in Books > Children's Books > Education & Reference > Science Studies > Physics #663 in Books > Children's Books > Science, Nature & How It Works > Experiments & Projects

Age Range: 8 - 11 years

Grade Level: 3 - 6

Customer Reviews

Middle-graders often wonder how electricity is transmitted and how we are protected from being shocked. Pegis takes these readers along on an exploration of the roles conductors and insulators play in the transmission. Each of 12 subtopics, from "The Electrifying Third Rail" to "The Mighty Vacuum," are addressed on colorful two-page spreads. The glossy pages include plenty of white space, high-resolution photos (some framed with simulated electric current), text interspersed with bright red headings, and "flash facts": "Lightning is so hot, it can heat up the air around it to five times the temperature of the sun." Meanwhile, further questions and simple experiments

give opportunities for deeper inquiry. As one of four books in the Understanding Electricity series, the information provided here builds upon and expands that found in the other volumes. Grades 3-6.

--J. B. Petty --This text refers to the Library Binding edition.

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