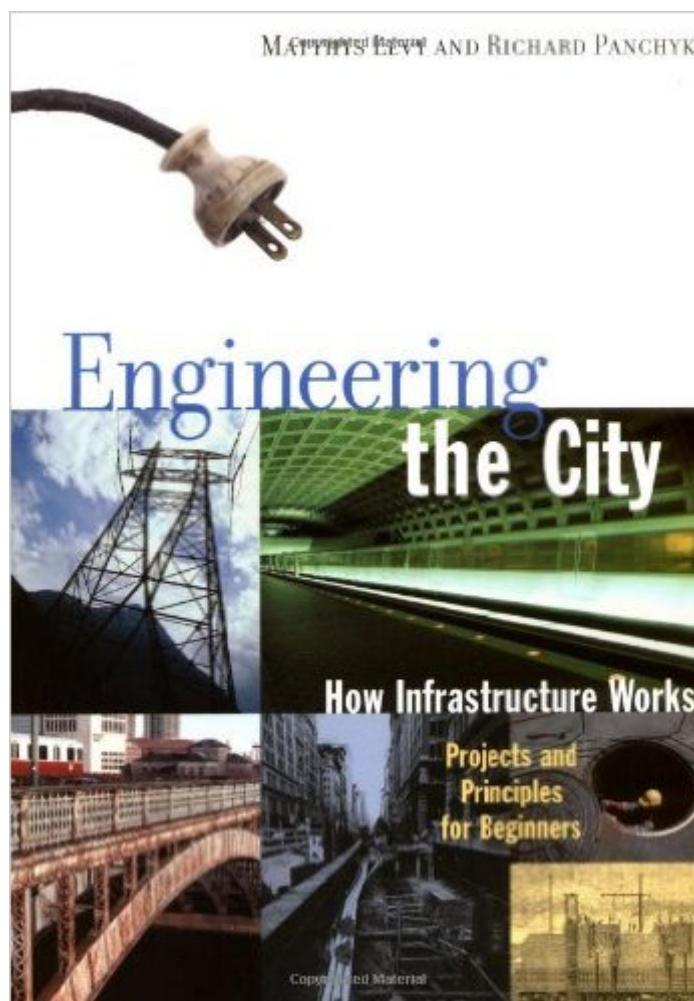


The book was found

Engineering The City: How Infrastructure Works, Projects And Principles For Beginners



Synopsis

How does a city obtain water, gas, and electricity? Where do these services come from? How are they transported? The answer is infrastructure, or the inner, and sometimes invisible, workings of the city. Roads, railroads, bridges, telephone wires, and power lines are visible elements of the infrastructure; sewers, plumbing pipes, wires, tunnels, cables, and sometimes rails are usually buried underground or hidden behind walls. *Engineering the City* tells the fascinating story of infrastructure as it developed through history along with the growth of cities. Experiments, games, and construction diagrams show how these structures are built, how they work, and how they affect the environment of the city and the land outside it.

Book Information

Paperback: 129 pages

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Language: English

ISBN-10: 1556524196

ISBN-13: 978-1556524196

Product Dimensions: 7 x 0.4 x 10 inches

Shipping Weight: 9.6 ounces (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (14 customer reviews)

Best Sellers Rank: #394,697 in Books (See Top 100 in Books) #4 in [Books > Children's Books > Education & Reference > Science Studies > Engineering](#) #94 in [Books > Children's Books > Arts, Music & Photography > Architecture](#) #2042 in [Books > Engineering & Transportation > Engineering > Civil & Environmental](#)

Age Range: 9 and up

Grade Level: 4 and up

Customer Reviews

I have an 8 year old son who is seriously addicted to Lego building blocks and anything else that can be built. I am also a cub scout den leader and that makes me pretty good at understanding what 8 and 9 year old boys like. They like this book! It answers some basic questions, that very subtly provide some basic engineering principles. What is BEST about this book is that every chapter has several simple projects that your child and you can do together. Again, simple, but it is surprising how educational this kind of fun can be. My cub scouts like building bridges the best so far. You can bet we will work our way through this book and do many more projects. Honestly, I wish a

book like this existed when I was a kid. I thought engineering was all math and boring! NO SO! This book lights a fire in my imagination as well as that of my son. I love this book!

I totally agree with the previous reviewer; this is a fun book to read with your kids and do the activities together. It's also perfect for those awkward moments when they ask you a question like, "how does a road work?" and you don't exactly know the answer. It spells out everything in an easy-to-understand way.

This is a very helpful guide for teachers who want to give their K-6 students a broad overview of urban infrastructure. The writing is clear and crisp, and there are a lot of accompanying diagrams and examples.

Excellent book for my 10 year old grandson. He loves building and wants to learn as much as possible about the science behind it. This gives a clear written picture regarding engineering, followed up with experiments to do on your own to visually learn the concept. I purchased a used copy that arrived in excellent, like new condition.

A practical and fundamental look at complex building methods. This book has brief but factual details and some "labs" that can be done at home with very few materials. I believe the intended audience is for middle and high school students.

I found this book easy to read, with excellent pictures. We need our young people interested in engineering and understand what it means. Fascinating! Fantastic books for young engineers (to be)!

This book was indeed for me myself to get an introduction about engineering. It is good more men it will really help me achieve my goals. I appreciate the author. GOODBYE!!!!!!!!!!!!!!

This book was ideal for my daughter to get an introduction to Engineering. The reading level was just right for her.

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