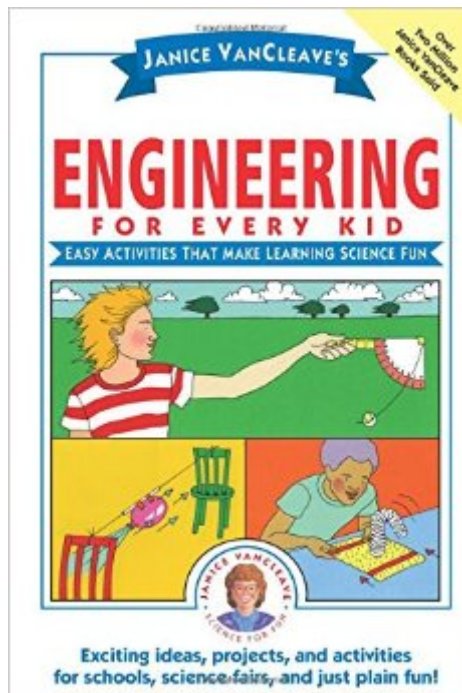


The book was found

# Janice VanCleave's Engineering For Every Kid: Easy Activities That Make Learning Science Fun



## Synopsis

Now you can discover the answers to these and many other fascinating questions about engineering for yourself with this fun-filled resource. Janice VanCleave's *Engineering for Every Kid* presents entertaining, challenging experiments and activities to help you understand the different types of engineering there are—including structural, solar, electrical, and chemical—and how each is applied to real world everyday situations. Each of the activities is broken down into its purpose, a list of easy-to-find materials, step-by-step instructions, expected results, and a simple scientific explanation. Plus, the book's 25 projects can easily be used in the classroom, as the basis of a science fair project, or at home just for fun!

## Book Information

Paperback: 220 pages

Publisher: Wiley; 1 edition (March 23, 2007)

Language: English

ISBN-10: 0471471828

ISBN-13: 978-0471471820

Product Dimensions: 6 x 0.6 x 9.1 inches

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

Average Customer Review: 3.8 out of 5 stars [See all reviews](#) (15 customer reviews)

Best Sellers Rank: #73,949 in Books (See Top 100 in Books) #48 in [Books > Children's Books >](#)

[Science, Nature & How It Works > Experiments & Projects](#) #161 in [Books > Science & Math >](#)

[Biological Sciences > Ecology](#) #468 in [Books > Science & Math > Environment](#)

Age Range: 8 - 12 years

Grade Level: 3 - 7

## Customer Reviews

This is a great book if you're looking for simple and quick labs to support engineering concepts related to structure, acoustics, stress, hydraulics, earthquakes, meteorology and more. Each section comes with a "What You Need to Know" that is very helpful for teacher background knowledge and vocabulary, and has been written in a very kid-friendly and teacher-friendly manner.

This teaches basic concepts by means of demonstration with household items, so you don't have to go buy a science kit to teach or learn science! This is not for standalone curriculum, since it doesn't give enough info to the non-science person to thoroughly teach the concepts, but it's great as

supplemental to a text. Mechanical engineering science is also great for teaching logic.

Decided to homeschool my youngest (4th) son (10 yrs old) this year. Having one of his older brothers studying Mechanical Engineering in college, the youngest is taking an interest in engineering. This book touches on each type of engineering and we are having a 'blast' with the experiments!!

I have a science-minded friend review this book before I started with it for my sons. He was quite enthused and said all the concepts taught were sound, and all but 2 of the experiments would be well worth your time and correctly reinforce the concepts being discussed. So nice to find a reliable resource. My sons are itching to begin!

grandson liked this. please encourage children to learn all they can, especially if they have a knack or interest in a particular subject. nourish their minds as well as their bodies! they are our future!

I picked one experiment which looked simple and doable. But when I tried it, it wouldn't work at all. Maybe it was bad luck. Hopfully next time if used again it will work. The format, instructions, verbiage etc are perfect for kids 6-12 grades.

The book looks simple enough, but my six year old doesn't seem particularly interested in a some of it. Good ideas, but could use a mildly different approach when being presented to kids.

My 4th grade son is enjoying this book

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