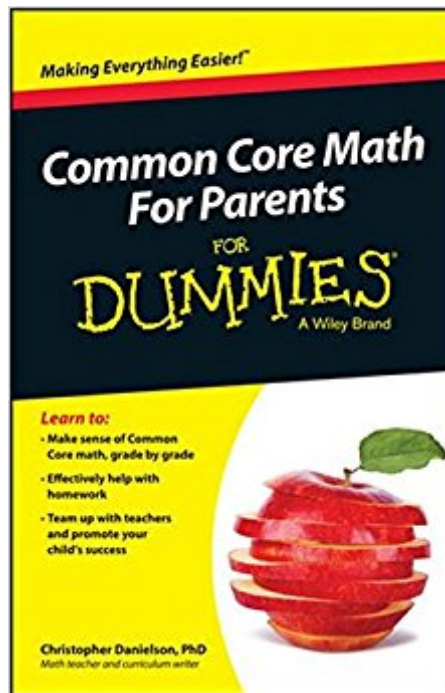




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# Common Core Math For Parents For Dummies With Videos Online



## Synopsis

Help your child succeed with a better understanding of Common Core Math Common Core Math For Parents For Dummies is packed with tools and information to help you promote your child's success in math. The grade-by-grade walk-through brings you up to speed on what your child is learning, and the sample problems and video lessons help you become more involved as you study together. You'll learn how to effectively collaborate with teachers and keep tabs on your child's progress, so minor missteps can be corrected quickly, before your child falls behind. The Common Core was designed to improve college- and career-readiness, and to prepare U.S. students to be more competitive on an international stage when it's time to enter the workforce. This guide shows you how the standards were created, and how they've evolved over time to help ensure your child's future success. The Common Core Math Standards prepare students to do real math in the real world. Many new teaching methods are very different from the way most parents learned math, leading to frustration and confusion as parents find themselves unable to help with homework or explain difficult concepts. This book cuts the confusion and shows you everything you need to know to help your child succeed in math. Understand the key concepts being taught in your child's grade Utilize the homework tools that help you help your child Communicate more effectively with your child's teacher Guide your child through sample problems to foster understanding The Common Core was designed to ensure that every student, regardless of location or background, receives the education they need. Math skills are critical to real-world success, and the new standards reflect that reality in scope and rigorousness. Common Core Math For Parents For Dummies helps you help your child succeed.

## Book Information

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## Customer Reviews

Learn to: Make sense of Common Core math, grade by grade Effectively help with homework Team up with teachers and promote your child's success Help your child succeed with common core math Math is hard. And, for parents, making sense of how math is taught today is even harder. Luckily, this friendly guide takes the intimidation out of Common Core math, making it easier than ever to help your child succeed. In no time, you'll get a grasp on what your child is learning and gain the know-how to help with homework and test-prep time like a pro! Crack common core math &#151; let go of your math habits from yesteryear and embrace the Common Core math standards to help your child succeed It's elementary &#151; find everything you need to know about the Common Core math your child will encounter in K-5 Movin' on up &#151; gear up for middle and high school math with guidance on relating to ratios, pursuing proportions, and arriving at algebra the Common Core way Crown yourself queen (or king) &#151; use homework tools, communicate more effectively with teachers, and guide your child through sample problems to foster understanding Open the book and find: The ins and outs of Common Core math standards Tricks, tips, and steps for understanding the math your child encounters in the classroom Guidance on K-12 math standards Ten awesome resources parents can't be without Surefire ways to support math learning at home

Christopher Danielson, PhD, is a leading curriculum writer, educator, math blogger, and author interpreting research for parents and teachers across the country from his home base at Normandale Community College in Minnesota.

The author of the book, Christopher Danielson, (on Twitter as @trianglemancsd), does a comprehensive job of summarizing and interpreting the Common Core standards for grades K through 12. As someone who has only taught grades 6 to 8, it was great to see how the standards progressed. I also am now much more able to answer anyone's questions about the standards. Don't be thrown off by it being for parents, or for dummies for that matter. This book is for teachers, administrators, and of course parents and anyone interested in math education. I actually was obsessed with *Macs for Dummies* and the author David Pogue as a teenager and love the style of the book and the readability. I took notes on interesting points from the book and some questions

that I have. One topic I liked when he discussed fractions was common numerators. We don't talk about being able to compare fractions with common numerators ever such as what's bigger,  $\frac{2}{3}$  or  $\frac{2}{4}$ . He also talked about how you can't compare two different units, it's like comparing apples and orange. He also pointed a confusing yet commonly incorrectly solved order of operation problem that is  $48 / 2(9+3)$ . I got it wrong the first time too. An interesting question to ask a 5th or 6th grade class is: why is there no such thing as a LCF or GCM (least common factor or greatest common multiple). This will create a very interesting discussion about vocabulary. When talking about statistics, a cool way would be comparing heights of 5th and 6th, or 6th and 7th graders at a school. The Common Core does call for mean absolute deviation, though I am still unclear about the applications and what type of context it could be introduced to students in. I liked the idea of having a discussion of how old your dog is, in dog years and human years, and reason how and why they are different. I honestly can't remember off the top of my head unless I looked at the relationship of two examples. In 7th and 8th grade classes I have found myself label  $\frac{2}{3}$  as a decimal, as 0.666... and call 6 the repeating part so you only need a bar over the 6. Well, there is actually a name for that. 6 is the "repetend," the repeating part of a decimal. One question I had, was in 8th grade he said the standards introduce point slope form. In CPM's Core Connections 3 curriculum there is no mention of this form, only standard form and slope-intercept form. So, I am a bit concerned that I did not cover that last year. Lastly, I was very pleased in the Pythagorean theorem section he mentioned the distinction between acute and obtuse triangles side lengths. I brainstormed before how to keep students from not remembering which way the inequality sign faced, the two legs squared and added together or the hypotenuse squared. Apparently he thought about this too, because he showed the most common acute triangle you can think of: an equilateral triangle. Which we know has equal sides and is equiangular at 60 degrees each. So, if you have sides of 2.  $2^2$  plus  $2^2$  squared is 8. The last side,  $2^2$ , is 4. So, clearly, if the hypotenuse squared is smaller than the triangle is an acute triangle. I hope that made sense. It makes sense when you draw a picture. Oh yes, and the best anecdote of the book was when the author's son got an increase in his bed time on his birthday. So, his son saw a pattern and reasoned he could predict how late his bed time would eventually go. Great example of #tmwyk (talking math with your kids) unprompted. All in all I enjoyed this book and would recommend it to any math teacher, administrator, or parent at any grade level. It gives you tips on how you can help your student think mathematically and how to help them without doing their homework.

This is an awesome book! Breaks down Bill Gates Funded Common Core Math into, I know what

the heck is going on now and you can help your kids. First, they are supposed to be practicing addition facts, subtraction facts, multiplication and division facts...at home! Flash Cards, memorization. They are solving the problems by composing and decomposing by tens. Do I agree? Heck no. But in the meantime, we did to get our kids a tutor or understand it our selves. Start with the Kindergarten section and work yourself up! They start the real stuff in the beginning of first grade. This book is easy to understand and truly a blessing! Worth every penny!

Excellent explanation of Common Core Math. I had seen so many posts on the Internet trashing this subject and wanted to know not only what it really is but also why anyone would impose such an unpopular subject on today's youth. Mr. Danielson took me through the underlying goals, the justification, the principles and actual examples of lessons from 1st grade through middle school. He did so in a clear, understandable and often humorous story line. Mr. Danielson explains that adults think through daily math problems in a manner completely different than the rule-based rote imposed in their childhoods. Common Core Math helps children learn what adults already know - but not without also teaching standard math techniques. Parents who can embrace and support this curriculum will help their children think more analytically and perform better in math throughout their lives. Before joining in on bashing Common Core Math I encourage every parent to spend a few hours to read and understand this book. I sincerely believe the results will be enlightening for parents and beneficial for their children.

NOt what I expected. It gives history and what you learn at each grade level but it does not give examples of how it works or give you problems to learn how to solve.

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