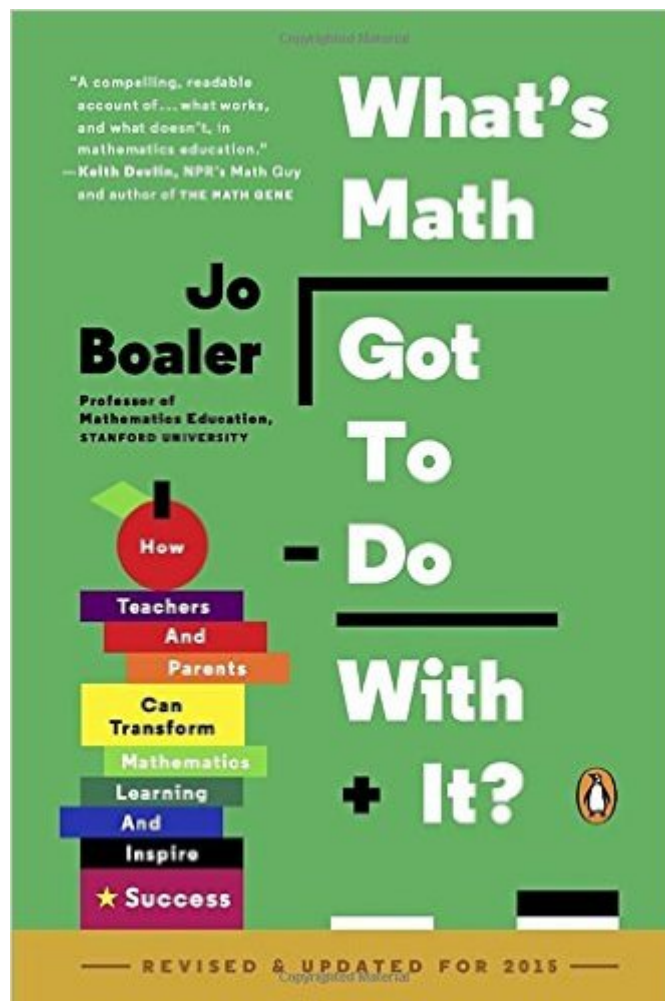


The book was found

What's Math Got To Do With It?: How Teachers And Parents Can Transform Mathematics Learning And Inspire Success



Synopsis

• Highly accessible and enjoyable for readers who love and loathe math. • "Booklist" A critical read for teachers and parents who want to improve children's mathematics learning, "What's Math Got to Do with It?" is an inspiring resource • (Publishers Weekly). Featuring all the important advice and suggestions in the original edition of What's Math Got to Do with It?, this revised edition is now updated with new research on the brain and mathematics that is revolutionizing scientists' understanding of learning and potential. As always Jo Boaler presents research findings through practical ideas that can be used in classrooms and homes. The new What's Math Got to Do with It? prepares teachers and parents for the Common Core, shares Boaler's work on ways to teach mathematics for a growth mindset, and includes a range of advice to inspire teachers and parents to give their students the best mathematical experience possible.

Book Information

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Customer Reviews

I am a math teacher who has abandoned the school system and tutors now. Jo Boaler has all the right ideas on how to excite students and turn them into thinkers instead of test performers who really don't learn anything. Students should love math, problem solving and exploration. Sadly, the school system in the US is not going to change anytime soon, so we parents, grandparents and tutors will have to carry the load for those we can help. This book is great in helping people understand why we want to change the way math is taught and how to start doing that. Also visit

Jo's website for more ideas

Just...WOW.This book is a must-read for teachers, maths teachers, school principals, administrators...AND PARENTS! Especially if you are a parent who matches ANY of the following:- Your child has good grades in maths, but is convinced that they are no good at it (ESPECIALLY if that child is a girl),- Your middle-grader is going to a school where the A students will learn alongside the D students and you are worried about your child's learning (prepare to open your mind on this one),- Your child isn't doing well at maths at all, and you/they/both of you are worried/convinced that they are not good at maths (it's not true),- Your child finds maths class to be repetitive and dull and completely boring,- You love maths but your child finds it boring,- Your child hates memorizing times tables (or finds this pointless) and finds that the main means of evaluation in their maths class (same for kids who hate the mindless repetition of endless worksheets, drills and silent timed speed tests),- You are convinced that maths must be more useful / more interesting / more exciting than it is in the classroom.I am not a maths major and don't choose to read about mathematics in my free time. But I checked this out of the library and suddenly (by the second chapter) was so spellbound, I returned it, bought my own copy and started marking the daylights out of it. It is at once a sad, sobering reminder of how disastrous the traditional mathematics curriculum really is, and a concrete introduction to practical ways to stuff that old Victorian model out of the window and expose the vibrant, creative and interesting world that numbers and mathematics really is.Because ALL kids and adults CAN do maths and do it well...but they have to be allowed to be interested, engaged, encouraged, to struggle with it, have high expectations made of them AND to be allowed to experience it as a way of thinking, not just a test of memory, speed or the ability to mindlessly follow the steps laid out before them.And if your child currently does extremely well under the traditional system, and you feel threatened by a "different way" that might unseat your child from their high grades....fear not. Almost all children do even better when they engage in the creativity of maths, and they will certainly enjoy it more and actually learn flexible problem-solving that can go into the real world.As the book explains and as most maths students can tell you, school-taught maths is dry, formula-based worksheet repetition that is geared towards getting "the right answer" over actually knowing WHY formulas, numbers and mathematics actually WORK. Because understanding maths is richer and more useful than just getting the right answer. That's why we have calculators. And it's the difference between rote memorizing and knowledge/education. Before I read this I had not known that mathematicians are apparently absurdly bad at "getting the right numerical answer"...because that isn't as important as actually

being able to understand, use and creatively understand the world through numbers and mathematics. As a super-plus, this book is not dry drudge-reading, despite the number of studies cited and explained. It is an eminently exciting read (even for the numbers-challenged) and gives actual problems to demonstrate the techniques and a means of using the information with your child to expose the hidden joy of mathematics. There are recommendations, resources, and ideas on how to include the joy of learning with numbers with your child. And for teachers, there are tools for engaging even the most unruly, willfully disconnected and jaded students, even if you happen to teach...say....geography. The only caveat for both parents and those in education is to open your mind, because this is revolutionary as compared to the maths environment that has been in place for over a century of public education. Entertain the idea that maybe we haven't got it right, or if you believe that we have, that just maybe...the world is a different one now than it was more than a century ago, and the ways these kids need to mathematically engage with it is not the same as those who were only beginning to accept that man might actually build a flying machine that could work. To say that a Victorian approach to maths lessons actually addresses the needs of tomorrow's creative thinkers is ludicrous, to say the least. It all makes so much sense....UPDATE: Bought second copy for the principal of a local school. Wish all principals would be receptive of this, but even one can change the world of the students they are responsible for! (Note that I could not bring myself to relinquish my OWN copy!)

This book is outstanding! The first edition helped our district change our mathematics program. Teachers couldn't stop talking about the valuable information and ideas. Now the latest edition has so much more new information from research. This is definitely a book that can make a difference. Definitely enjoyable and easy to read, I couldn't put it down!

Excellent book. As a parent I found the book easy to read and very useful. Have not read the old edition so cannot compare it. Highlights: growth mind-set, number sense, concepts vs memorization, puzzles. Highly recommend it to all parents, especially parents/moms who perceive themselves as "not a math person". It will hopefully transform your view of math and help open doors for your child as they learn math.

This book tells a very important story, in an extremely accessible way, supported by a huge volume of research. A must read for all teachers and parents at least. Have you ever felt you are no good at maths? Or worse, that you want to run a mile whenever you see something maths-like? Professor

Boaler explains some of the ways this is caused, and she demonstrates how it can be avoided for those not yet afflicted and how it might be remedied in those who have such fears. In the running for my most important book of the year.

I love the philosophy and perspective of this book. I only wish it would have outlined specific ways to teach in this way because it isn't easy, especially if your district requires you to follow a tightly paced "basal" math program (although her Stanford website is working on this). Jo Boaler writes with passion without talking down to teachers who have never thought or known how to teach a different way. Lots of research quoted. Worth a read.

Great read and gives me hope that my children will receive better math teaching than what Americans have historically received. Quick read that helps explain how math teaching in the U.S. can be greatly improved. It seems like Jo Boaler's You Cubed organization is picking up steam and will soon revolutionize math education in our country.

As one who is taking a deep look at what I do as a math teacher (after 43 years), I found affirmation and a direction for improvement for my students. I am already reinforcing those things I do and incorporating change.

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When Fish Got Feet, Sharks Got Teeth, and Bugs Began to Swarm: A Cartoon Prehistory of Life Long Before Dinosaurs
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