

A Mind for Numbers: How to Excel at Math and Science (Even If You Flunked Algebra)

"If good students will learn, you're interested. But a good teacher will learn more students. What Barbara Oakley is a great teacher. Not only does she teach a great lot, students, she has a way with words, and she makes every one of them count!"
— Walter Isaacson, author of Einstein's Biography, Obama's biography, and the book of Leonardo da Vinci

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HOW TO EXCEL AT
MATH AND SCIENCE
(Even If You Flunked Algebra)

BARBARA OAKLEY, Ph.D.



Mind For Numbers Science Flunked

Victor M. Corman



Mind For Numbers Science Flunked:

A Mind For Numbers Barbara Oakley, PhD, 2014-07-31 The companion book to COURSERA's wildly popular massive open online course Learning How to Learn Whether you are a student struggling to fulfill a math or science requirement or you are embarking on a career change that requires a new skill set A Mind for Numbers offers the tools you need to get a better grasp of that intimidating material Engineering professor Barbara Oakley knows firsthand how it feels to struggle with math She flunked her way through high school math and science courses before enlisting in the army immediately after graduation When she saw how her lack of mathematical and technical savvy severely limited her options both to rise in the military and to explore other careers she returned to school with a newfound determination to retool her brain to master the very subjects that had given her so much trouble throughout her entire life In A Mind for Numbers Dr Oakley lets us in on the secrets to learning effectively secrets that even dedicated and successful students wish they'd known earlier Contrary to popular belief math requires creative as well as analytical thinking Most people think that there's only one way to do a problem when in actuality there are often a number of different solutions you just need the creativity to see them For example there are more than three hundred different known proofs of the Pythagorean Theorem In short studying a problem in a laser focused way until you reach a solution is not an effective way to learn Rather it involves taking the time to step away from a problem and allow the more relaxed and creative part of the brain to take over The learning strategies in this book apply not only to math and science but to any subject in which we struggle We all have what it takes to excel in areas that don't seem to come naturally to us at first and learning them does not have to be as painful as we might think

Summary of Barbara Oakley's A Mind for Numbers by Milkyway Media Milkyway Media, 2019-07-23 A Mind for Numbers How to Excel at Math and Science Even If You Flunked Algebra 2014 by Barbara Oakley is a collection of learning strategies for students of all ages Too many people falsely believe that they're naturally deficient in math and science when the real problem is their approach not their abilities Purchase this in depth summary to learn more [Assessment in Singapore: Strategies and methods for classroom practice](#) Poh Guan Toh, See Cheng Leong, 2014 [A Mind for Numbers](#) Summary Station, 2014-10-17 Learn How To Increase Your Problem Solving Skills In A Fraction Of The Time It Takes To Read The Actual Book Today only get this 1 Amazon bestseller for just 2.99 Regularly priced at 9.99 Read on your PC Mac smart phone tablet or Kindle device Barbara Oakley shares with readers how she came to understand how to use these learning strategies She tells about how she thought she was not good at math or science but as she moved through a bout in the U.S. Army earning her degree in Slavic Languages She was so good at learning and speaking Russian that she was often mistaken for a native Russian Speaker Once she was in the field she realized that her degree in Languages was not enough When she left the army she was able to return to school and learn more about math and science While writing the book Oakley interviewed many educators mathematicians and Scientists to find out how their brains were different Here Is A Preview Of

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