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BARBARA OAKLEY, Ph.D.

Mind For Numbers Science Flunked

Julia Schneider



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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

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Unveiling the Magic of Words: A Review of "**Mind For Numbers Science Flunked**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Mind For Numbers Science Flunked**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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