Arithmatic Magnum4d

Mathematics and the Imagination
Mathemagics
Complete Business Arithmetic
Adventures In Recreational Mathematics (In 2 Volumes)
Mathematics, Magic and Mystery
Essentials of Business Arithmetic
Math Charmers
Basic Arithmetic
Mathemagics: A Magical Journey Through Advanced Mathematics - Connecting More Than 60 Magic Tricks To High-level Math
Math Fun for Everyone
Math Goes to the Movies
Mage Merlin's Unsolved Mathematical Mysteries
Maths masterpieces
Mathematics of Choice
Secrets of Mental Math
Progressive Arithmetic
Ingenuity in Mathematics
Special Method in Arithmetic
Mathematical Curiosities
The Magic of Math
Wonders of Numbers
How Numbers Work
The Magic of Maths
Take a Number
Beast Academy Guide 4D
Arithmetical Wonderland

Topics in Arithmetic
Mammoth Math
Coming Home to Math
Ray's New Higher Arithmetic
Mathematics For The Million
The History of Arithmetic
Things to Make and Do in the Fourth Dimension
Adventures in Mathematics
The Complete Arithmetic
Mathematics Entertainment For The Millions
Math Magic
Math Made Visual
A Complete Arithmetic

RAMOS SAIGE

Mathematics and the Imagination Penguin
Think of a number between one and ten No, hang on, let's make this interesting. Between zero and infinity. Even if you stick to the whole numbers, there are a lot to choose from - an infinite number in fact. Throw in decimal fractions and infinity suddenly gets an awful lot bigger (is that even possible?) And then there are the negative numbers, the imaginary numbers, the irrational numbers like p which never end. It literally never ends. The world of numbers is indeed strange and beautiful. Among its inhabitants are some really notable characters - pi, e, the square root of minus two and the famous golden ratio to name just a few. Prime numbers occupy a special status. Zero is very odd indeed. And even some apparently common-or-garden integers such as 37 have special properties. Adventures In Mathematics takes a tour of this mind-blowing but beautiful world of numbers and the mathematical rules that connect them. Find out mathematicians' favourite numbers, and the ones they are afraid of (spoiler: it isn't 13). Discover the incredible connection between numbers and the rules of nature. And learn some amazing mathematical tricks that will keep you amused for hours.
Mathemagics American Mathematical Soc.
Foreword by Nobel Laureate Herbert A. HauptmanDesigned as a combat to math phobias, this guide tells how to make math intriguing and fun. -The Bookwatch Midwest Book Review library newsletterI love this book. I made the mistake of starting to read

it late one evening, only to find I could not put it down. It is as engrossing and as exciting as a good mystery. This is an extraordinary accomplishment for a book about mathematics. - Arthur Levine, President, Teachers College, Columbia UniversityDr. Posamentier has spent a lifetime making the subject of mathematics come to life for students and their teachers. This book is another fine tribute to the work that is possible when a brilliant mind is led by a wonderful heart. How lucky we are to add this new work to an outstanding life of achievement. - Merryl H. Tisch, Member, New York State Board of RegentsProfessional mathematicians often speak of the beauty of mathematics and the elegance of its solutions. Yet the esthetic appeal of math is rarely conveyed to students at the elementary, secondary, or even college level. Instead, most of us develop phobias in school about math's elusive logic and then pass these negative impressions on to our children. What a shame, says math professor Alfred S. Posamentier. We should all be having fun with math and helping our kids to do better in life by encouraging them to appreciate not only its usefulness but especially its charm. That's just what Posamentier sets out to do in this delightful exploration of math's many intriguing, interesting, and fun qualities.Beginning with the beauty of the number system, Posamentier doesn't just talk mathematics; he entices readers to do math and discover for themselves just how stimulating the process can be! Brief and entertaining introductions to each chapter invite readers to try their hands at arithmetic marvels, surprising solutions, algebraic entertainments, geometric wonders, and fun mathematical paradoxes, among other topics.Presented in a reader-friendly, conversational tone, the text is very accessible and the examples are geared to a beginner's level, so that even the most math-phobic individual will discover the hidden joy and inherent appeal of doing math.This is the ideal book for adults looking for a way to turn their kids on to an important subject or discover for themselves what they might have missed in their own math education.Alfred S. Posamentier, Ph.D. (New York, NY), is dean of the School of Education and professor of mathematics education at The City College of the City University of New York. He has published more than 40 books in the area of mathematics and mathematics education, including The Fabulous Fibonacci Numbers, Pi: A Biography of the World's Most Mysterious Number, and Math Charmers: Tantalizing Tidbits for the Mind.

Complete Business Arithmetic R.I.C. Publications
With wit and clarity, the authors progress from simple arithmetic to calculus and non-Euclidean geometry. Their subjects: geometry, plane and fancy; puzzles that made mathematical history; tantalizing paradoxes; more. Includes 169 figures.

Adventures In Recreational Mathematics (In 2 Volumes) iUniverse
This is the 1st math book that I truly enjoyed. I was captivated by all the stories. My father also loved the book; his favorite part was the analysis of Joe Di Maggios hitting streak. My father & I now share a delight with math. April Cody HS senior MATH FUN FOR EVERYONE the book is designed for people who are good in math (do not have to be excellent in math) and enjoy basic math. the book contains math puzzels on different levels of difficulty, there are numerous stories about math and life experriences. high on the list the author has designed this book to be FUN. you will find interesting math projects and sprinkled through-out the

book are surprises one would not expect in a math book. Be assured you are in for a memorable adventure.>/p>
Mathematics, Magic and Mystery World Scientific
Using proven techniques, this volume shows how to add, subtract, multiply and divide faster than is possible with a calculator or pencil and paper, and helps readers conquer their nervousness about math.
Essentials of Business Arithmetic Courier Corporation
Mel Gibson teaching Euclidean geometry, Meg Ryan and Tim Robbins acting out Zeno's paradox, Michael Jackson proving in three different ways that 7 x 13 = 28. These are just a few of the intriguing mathematical snippets that occur in hundreds of movies. Burkard Polster and Marty Ross pored through the cinematic calculus to create this thorough and entertaining survey of the quirky, fun, and beautiful mathematics to be found on the big screen. Math Goes to the Movies is based on the authors' own collection of more than 700 mathematical movies and their many years using movie clips to inject moments of fun into their courses. With more than 200 illustrations, many of them screenshots from the movies themselves, this book provides an inviting way to explore math, featuring such movies as: • Good Will Hunting • A Beautiful Mind • Stand and Deliver • Pi • Die Hard • The Mirror Has Two Faces The authors use these iconic movies to introduce and explain important and famous mathematical ideas: higher dimensions, the golden ratio, infinity, and much more. Not all math in movies makes sense, however, and Polster and Ross talk about Hollywood's most absurd blunders and outrageous mathematical scenes. Interviews with mathematical consultants to movies round out this engaging journey into the realm of cinematic mathematics. This fascinating behind-the-scenes look at movie math shows how fun and illuminating equations can be.
Math Charmers W. W. Norton & Company
Famed puzzle expert explains math behind a multitude of mystifying tricks: card tricks, stage "mind reading," coin and match tricks, counting out games, geometric dissections, etc. More than 400 tricks. 135 illustrations.
Basic Arithmetic Courier Dover Publications
Most people agree that math is important, but few would say it's fun. This book will show you that the subject you learned to hate in high school can be as entertaining as a witty remark, as engrossing as the mystery novel you can't put down--in short, fun! As veteran math educators Posamentier and Lehmann demonstrate, when you realize that doing math can be enjoyable, you open a door into a world of unexpected insights while learning an important skill. The authors illustrate the point with many easily understandable examples. One of these is what mathematicians call the "Ruth-Aaron pair" (714 and 715), named after the respective career home runs of Babe Ruth and Hank Aaron. These two consecutive integers contain a host of interesting features, one of which is that their prime factors when added together have the same sum. The authors also explore the unusual aspects of such numbers as 11 and 18, which have intriguing properties usually overlooked by standard math curriculums. And to make you a better all-around problem solver, a variety of problems is presented that appear simple but have surprisingly clever solutions. If math has frustrated you over the years, this delightful approach will teach you many things you

thought were beyond your reach, while conveying the key message that math can and should be anything but boring.
Mathemagics: A Magical Journey Through Advanced Mathematics - Connecting More Than 60 Magic Tricks To High-level Math Crown
Who were the five strangest mathematicians in history? What are the ten most interesting numbers? Jam-packed with thought-provoking mathematical mysteries, puzzles, and games, Wonders of Numbers will enchant even the most left-brained of readers. Hosted by the quirky Dr. Googol--who resides on a remote island and occasionally collaborates with Clifford Pickover--Wonders of Numbers focuses on creativity and the delight of discovery. Here is a potpourri of common and unusual number theory problems of varying difficulty--each presented in brief chapters that convey to readers the essence of the problem rather than its extraneous history. Peppered throughout with illustrations that clarify the problems, Wonders of Numbers also includes fascinating "math gossip." How would we use numbers to communicate with aliens? Check out Chapter 30. Did you know that there is a Numerical Obsessive-Compulsive Disorder? You'll find it in Chapter 45. From the beautiful formula of India's most famous mathematician to the Leviathan number so big it makes a trillion look small, Dr. Googol's witty and straightforward approach to numbers will entice students, educators, and scientists alike to pick up a pencil and work a problem.
Math Fun for Everyone Nicholas Brealey
Arithmetical Wonderland is intended as an unorthodox mathematics textbook for students in elementary education, in a contents course offered by a mathematics department. The scope is deliberately restricted to cover only arithmetic, even though geometric elements are introduced whenever warranted. For example, what the Euclidean Algorithm for finding the greatest common divisors of two numbers has to do with Euclid is showcased. Many students find mathematics somewhat daunting. It is the [Author];'s belief that much of that is caused not by the subject itself, but by the language of mathematics. In this book, much of the discussion is in dialogues between Alice, of Wonderland fame, and the twins Tweedledum and Tweedledee who hailed from Through the Looking Glass. The boys are learning High Arithmetic or Elementary Number Theory from Alice, and the reader is carried along in this academic exploration. Thus many formal proofs are converted to soothing everyday language. Nevertheless, the book has considerable depth. It examines many arcane corners of the subject, and raises rather unorthodox questions. For instance, Alice tells the twins that six divided by three is two only because of an implicit assumption that division is supposed to be fair, whereas fairness does not come into addition, subtraction or multiplication. Some topics often not covered are introduced rather early, such as the concepts of divisibility and congruence.
Math Goes to the Movies Oxford University Press
"The Magic of Math is the math book you wish you had in school. Using a delightful assortment of examples--from ice cream scoops and poker hands to measuring mountains and making magic squares--this book empowers you to see the beauty, simplicity, and truly magical properties behind those formulas and equations that once left your head spinning. You'll learn the key ideas of classic areas of mathematics like arithmetic, algebra,

geometry, trigonometry, and calculus, but you'll also have fun fooling around with Fibonacci numbers, investigating infinity, and marveling over mathematical magic tricks that will make you look like a math genius!"--

Mage Merlin's Unsolved Mathematical Mysteries Basic Books

The world's greatest mental mathematical magician takes us on a spellbinding journey through the wonders of numbers (and more) "Arthur Benjamin ... joyfully shows you how to make nature's numbers dance."--Bill Nye (the science guy) The Magic of Math is the math book you wish you had in school. Using a delightful assortment of examples-from ice-cream scoops and poker hands to measuring mountains and making magic squares-this book revels in key mathematical fields including arithmetic, algebra, geometry, and calculus, plus Fibonacci numbers, infinity, and, of course, mathematical magic tricks. Known throughout the world as the "mathemagician," Arthur Benjamin mixes mathematics and magic to make the subject fun, attractive, and easy to understand for math fan and math-phobic alike. "A positively joyful exploration of mathematics." -Publishers Weekly, starred review "Each [trick] is more dazzling than the last." -Physics World

Maths masterpieces World Scientific

Beast Academy Guide 4D

Mathematics of Choice Courier Corporation

"Maths Masterpieces is a set of two blackline masters designed to provide opportunities for students to consolidate knowledge and skills in mathematics while introducing them to significant works of art and their artists."--publisher website.

Secrets of Mental Math Beast Academy Guide 4DBeast Academy Guide 4D and its companion Practice 4D (sold separately) are the fourth part in the planned four-part series aligned to the Common Core State Standards for 4th grade mathematics. Level 4D includes chapters on fractions, decimals, and probability.The History of ArithmeticThings to Make and Do in the Fourth Dimension

These simple math secrets and tricks will forever change how you look at the world of numbers. Secrets of Mental Math will have you thinking like a math genius in no time. Get ready to amaze your friends—and yourself—with incredible calculations you never thought you could master, as renowned “mathemagician” Arthur Benjamin shares his techniques for lightning-quick calculations and amazing number tricks. This book will teach you to do math in your head faster than you ever thought possible, dramatically improve your memory for numbers, and—maybe for the first time—make mathematics fun. Yes, even you can learn to do seemingly complex equations in your head; all you need to learn are a few tricks. You’ll be able to quickly multiply and divide triple digits, compute with fractions, and determine squares, cubes, and roots without blinking an eye. No matter what your age or current math ability, Secrets of Mental Math will allow you to perform fantastic feats of the mind effortlessly. This is the math they never taught you in school.

Progressive Arithmetic World Scientific

Explains mathematics from counting to calculus in the light of man's changing social achievements.

Ingenuity in Mathematics JHU Press

David Singmaster believes in the presentation and teaching of mathematics as recreation. When the Rubik's Cube took off in

1978, based on thinly disguised mathematics, he became seriously interested in mathematical puzzles which would provide mental stimulation for students and professional mathematicians. He has not only published the standard mathematical solution for the Rubik's cube still in use today, but he has also become the de facto scribe and noted chronicler of the recreational mathematics puzzles themselves.Dr Singmaster is also an ongoing lecturer of recreational mathematics around the globe, a noted mechanical puzzle collector, owner of thousands of books related to recreational mathematical puzzles and the 'go to' source for the history of individual mathematical puzzles.This set of two books provides readers with an adventure into previously unknown origins of ancient puzzles, which could be traced back to their Medieval, Chinese, Arabic and Indian sources. The puzzles are fully described, many with illustrations, adding interest to their history and relevance to contemporary mathematical concepts. These are musings of a respected historian of recreational mathematics.

Special Method in Arithmetic Xlibris Corporation

Introducing an off-beat guide to math from award-winning author and illustrator David Macaulay. Math is all around you…if you look closely enough! From computer games to bridges, shopping malls to game shows, mathematics truly is everywhere. David Macauley’s terrific troupe of curious mammoths will lead you through the basics of math, including numbers, calculation, geometry, measurement and so much more in this highly original guide to math for kids aged 8+. In Mammoth Math, not only will you learn the essential principles of math, you’ll enjoy learning about them too! From start to finish, the mammoths are your guide as they seek to understand the math! These intrepid demonstrators will go to incredible lengths to educate and entertain, as they wrestle with adding or subtracting numbers, measuring angles, creating a pie chart, solving equations, and much more. Observing and recording the mammoths’ behavior is best-selling illustrator David Macaulay. Renowned for his ability to explain complex ideas with simple genius, Macaulay captures the oddball humor of his subject matter, making Mammoth Math the perfect introduction to math for young learners to love. Discover math as you’ve never known it before, with: - Fun-filled illustrations show Macaulay’s mammoths exploring mathematical ideas demonstrating key mathematical principles in unusual and amusing ways. - An action-packed alternative to dry, unappealing math textbooks. - Supporting panels contain diagrams and extra information to aid understanding. - The book is divided into chapters, each focusing on a different branch of math The ideal math book for all children aged 8+ as well as for reluctant math learners who don’t think math is for them, Mammoth Math includes a highly original and unique approach to the subject, with over 60 topics covered in total, including numbers geometry, measurement and operations. Encompassing all-new illustrations featuring Macaulay’s trademark mammoths, familiar to readers of The Way Things Work - a best-selling book of David Macaulay’s, which has sold over 3 million copies worldwide! Join the math journey today! Solving the problem is only one mammoth ride away!

Mathematical Curiosities Createspace Independent Publishing Platform

We use numbers here, there and everywhere -- Numbers are

some of my favorite things -- Linking numbers : operations on numbers -- Words and numbers : being careful -- Writing really big and really small numbers, and those in-between -- Touching all bases, at times with logs -- Numbers need to be exact, but it ain't necessarily so -- The different types of numbers have not evolved, but our understanding of them has -- Really, really big and really, really small numbers -- The whole truth of whole numbers -- The math of the digital world : modular arithmetic (or using number leftovers) -- The math of what will be : progressions of growth and decay -- Untangling the worlds of probability and statistics -- The math of what might be : probability - what are the odds? -- The math of what was : statistics - the good, the bad, and the evil -- The math of big data -- The math of optimization, ranking, voting, and allocation -- The math of gaming -- The math of risk.

The Magic of Math MIT Press

Sixteen of today's greatest unsolved mathematical puzzles in a story-driven, illustrated volume that invites readers to peek over the edge of the unknown. Most people think of mathematics as a set of useful tools designed to answer analytical questions, beginning with simple arithmetic and ending with advanced calculus. But, as Mage Merlin's Unsolved Mathematical Mysteries shows, mathematics is filled with intriguing mysteries that take us to the edge of the unknown. This richly illustrated, story-driven volume presents sixteen of today's greatest unsolved mathematical puzzles, all understandable by anyone with elementary math skills. These intriguing mysteries are presented to readers as puzzles that have time-traveled from Camelot, preserved in the notebook of Merlin, the wise magician in King Arthur's court. Our guide is Mage Maryam (named in honor of the brilliant young mathematician, the late Maryam Mirzakhani), a distant descendant of Merlin. Maryam introduces the mysteries--each of which is presented across two beautifully illustrated pages--and provides mathematical and historical context afterward. We find Merlin confronting mathematical puzzles involving tinker toys (a present for Camelot's princesses from the sorceress Morgana), cake-slicing at a festival, Lancelot's labyrinth, a vault for the Holy Grail, and more. Each mystery is a sword awaiting removal from its stone, capturing the beauty and power of mathematics.

- Love You Forever By Robert Munsch
- Little Blue Truck's Springtime: An Easter And Springtime Book For Kids By Alice Schertle
- How To Win Friends & Influence People (dale Carnegie Books)