

Maths For Science

Make your way through 12 thrilling adventures, using your skills and knowledge to decide how the plot unfolds. Complete all the missions to save the day! Perfect for developing problem-solving skills, each quest book features questions carefully chosen to address core math, science, and history subjects. Finding the answers will enable you to advance through the story, following the clues which are dotted along the way, and learning more with every step you take. This pack includes: Four Science Quest Books * Lost in Space (Astronomy) * The Secret Formula (Chemistry) * Fun Fair Fright (Physics) * Amazon Adventure (Biology) Four Math Quest Books * Escape From Hotel Infinity (Numbers) * Attack on Circuit City (Statistics) * The Island of Tomorrow (Geometry) * Lost in the Fourth Dimension (Measurements) Four History Quest Books * Tomb of Terror (Ancient Egyptians) * Rave Through Rome (The Romans) * Medieval Mayhem (The Middle Ages) * Minotaur's Maze (Ancient Greece)

Change in education is too often a process which enthusiasts, ranging from top policy makers to groups of teachers, plan and drive forward, but in which they all find unexpected pitfalls. Every innovation depends on the commitment of schools and teachers to make it work. But often that commitment is lacking, or is less than total, or it turns to frustration as events develop. This book is based on a set of stories from teachers and education professionals in thirteen OECD countries. Twenty-three case studies of educational innovation in science, mathematics and technology have involved school teachers, inspectors, academics (both subject specialists and educational researchers), policy makers and advisors. The case studies come from Australia, Canada, France, Germany, Ireland, Japan, the Netherlands, Norway, Scotland, Spain, Switzerland and the USA. Drawing on this rich variety of material the authors concentrate on the origins and purposes of innovation within and across the science, mathematics and technology curricula. They consider the conceptions of the three subjects, along with issues of teaching, learning and assessment, and explore the involvement of both teachers and students. They reflect on the various strategies adopted to cope with or bring about change, and offer valuable insights to advisors, developers, policy makers and practitioners, both in schools and outside. The writing team includes Paul Black, King's College London; Mike Atkin, Stanford University; Raymond Duval, University of Lille; Edwyn James, Consultant, OECD; John Olson, Queen's University of Kingston, Ontario; Dieter Pevsner, Consultant, London; Senta Raizen, National Centre for Improving Science Education, Washington; Maria Saez, University of Valladolid, Spain; and Helen Simons, Southampton University. Published in association with the OECD

Maths for Science overturns the misconception that maths is a daunting, theory-filled subject by providing a confidence-boosting overview of essential mathematical skills and techniques. Written in a clear, straightforward style, with examples and practice problems throughout, it is the ideal guide for all science students.

From triangles, rotations and power laws, to cones, curves and the dreaded calculus, Alex takes you on a journey of mathematical discovery with his signature wit and limitless enthusiasm. He sifts through over 30,000 survey submissions to uncover the world's favourite number, and meets a mathematician who looks for universes in his garage. He attends the World Mathematical Congress in India, and visits the engineer who designed the first roller-coaster loop. Get hooked on math as Alex delves deep into humankind's turbulent relationship with numbers, and reveals how they have shaped the world we live in.

From Rubik's cubes to Godel's incompleteness theorem, everything mathematical explained, with colour illustrations, in half a minute. Maths is enjoying a resurgence in popularity. So how can you avoid being the only dinner guest who has no idea who Fermat was, or what he proved? The more you know about Maths, the less of a science it becomes. 30 Second Maths takes the top 50 most engaging mathematical theories, and explains them to the general reader in half a minute, using nothing more than two pages, 200 words and one picture. Read at your own pace, and discover that maths can be more fascinating than you ever imagined.

Are you interested in using Project Based Learning to revamp your lessons, but aren't sure how to get started? In DIY Project Based Learning for Math and Science, award-winning teacher and Edutopia blogger Heather Wolpert-Gawron makes it fun and easy! Project Based Learning encourages students and teachers alike to abandon their dusty textbooks, and instead embrace a form of curriculum design focused on student engagement, innovation, and creative problem-solving. A leading name in this field, Heather Wolpert-Gawron shares some of her most popular units for Math and Science in this exciting new collection. This book is an essential resource for teachers looking to: Create their own project-based learning units. Engage student in their education by grounding lessons in real-world problems and encouraging them to develop creative solutions. Incorporate role-playing into everyday learning. Develop real-world lessons to get students to understand the life-long relevance of what they are learning. Assess multiple skills and subject areas in an integrated way. Collaborate with teachers across subject areas. Test authentic skills and set authentic goals for their students to grow as individuals. Part I of the book features five full units, complete with student samples, targeted rubrics, a checklist to keep students on track, and even "Homework Hints." Part II is a mix-and-match section of tools you can use to create your own PBL-aligned lessons. The tools are available as eResources on our website, www.routledge.com/9781138891609, so you can print and use them in your classroom immediately.

Gives parents lots of ideas for early teaching of children when it comes to science and math principles.

[Essential Mathematics for Engineers and Scientists](#)

[Mathematics for Physical Science and Engineering](#)

[Galileo](#)

[Big Ideas Simply Explained](#)

[Mathematical Methods in the Physical Sciences](#)

[Maths from Scratch for Biologists](#)

[Innovations in Science, Maths and Technology Education](#)

[Mathematics and the Natural Sciences](#)

[Skills for Nursing and Healthcare Students](#)

[A Visual Approach](#)

[Mathematics and Science for Sport and Exercise](#)

[Maths Skills for GCSE Science](#)

Now in its third edition, *Mathematical Concepts in the Physical Sciences* provides a comprehensive introduction to the areas of mathematical physics. It combines all the essential math concepts into one compact, clearly written reference.

Do you want to study science, but worry that you lack the confidence in the mathematics needed to do this? This book will help you to revise the mathematical skills you already have as well as learning and practising new ones. Mathematical techniques are explained and the book includes worked examples, many with a scientific flavour, and questions for you to try, all with fully worked solutions. The topics explained in the book include scientific notation, units of measurement, arithmetic with fractions, rearranging equations, using graphs, radians, trigonometry, logarithms, probability and descriptive statistics, whilst the techniques of statistical hypothesis testing and differentiation are both introduced briefly. Some knowledge of arithmetic is assumed, but other topics are taught from first principles.

This book provides essential scientific background information and demonstrates how the theory can be used in the sport and exercise disciplines, it is written for students who need to revise, or who have little prior experience of maths and science

Clear and engaging introduction for graduate students in engineering and the physical sciences to essential topics of applied mathematics.

Written by teachers and fully covering the 2002 A Level maths specifications for biology, this text is useful for both classroom work and homework exercises. Relevant for AS and A2 Levels of study and designed to be accessible and friendly in format, its aim is to provide clear and concise explanations of mathematical concepts and how these are then applied in biology. Worked examples are included throughout encouraging students to grasp the subject matter with ease. Examination style questions and answer sections provide an opportunity for continuous progression and to consolidate learning.

Is anything truly random? Does infinity actually exist? Could we ever see into other dimensions? In this delightful journey of discovery, David Darling and extraordinary child prodigy Agnijo Banerjee draw connections between the cutting edge of modern maths and life as we understand it, delving into the strange – would we like alien music? – and venturing out on quests to consider the existence of free will and the fantastical future of quantum computers. Packed with puzzles and paradoxes, mind-bending concepts and surprising solutions, this is for anyone who wants life's questions answered – even those you never thought to ask.

Mathematics for Physical Science and Engineering is a complete text in mathematics for physical science that includes the use of symbolic computation to illustrate the mathematical concepts and enable the solution of a broader range of practical problems. This book enables professionals to connect their knowledge of mathematics to either or both of the symbolic languages Maple and Mathematica. The book begins by introducing the reader to symbolic computation and how it can be applied to solve a broad range of practical problems. Chapters cover topics that include: infinite series; complex numbers and functions; vectors and matrices; vector analysis; tensor analysis; ordinary differential equations; general vector spaces; Fourier series; partial differential equations; complex variable theory; and probability and statistics. Each important concept is clarified to students through the use of a simple example and often an illustration. This book is an ideal reference for upper level undergraduates in physical chemistry, physics, engineering, and advanced/applied mathematics courses. It will also appeal to graduate physicists, engineers and related specialties seeking to address practical problems in physical science. Clarifies each important concept to students through the use of a simple example and often an illustration Provides quick-reference for students through multiple appendices, including an overview of terms in most commonly used applications (Mathematica, Maple) Shows how symbolic computing enables solving a broad range of practical problems

[Fundamental Math and Physics for Scientists and Engineers](#)

[A Mind For Numbers](#)

[Maths for Advanced Physics](#)

[Big English, Maths and Science Workbook](#)

[How to Excel at Math and Science \(Even If You Flunked Algebra\)](#)

[KS3 Complete Practice Papers](#)

[Fun, Fascinating Activities for Young Children](#)

[The Physical Singularity of Life](#)

[At the Edge of Infinity and Beyond](#)

[30-Second Maths](#)

[The Book of Perfectly Perilous Math](#)

[EBOOK: Connecting Primary Maths and Science: A Practical Approach](#)

Math rocks! At least it does in the gifted hands of Sean Connolly, who blends middle school math with fantasy to create an exciting adventure in problem-solving. These word problems are perilous, do-or-die scenarios of blood-sucking vampires (How many months would it take a single vampire to completely take over a town of 500,000 people?), or a rowboat of 5 shipwrecked sailors with a single barrel of freshwater (How much can they drink, and for how long, before they go mad from thirst???). Each problem requires readers to dig deep into the tools they're learning in school to figure out how to survive. Kids will love solving these problems. Sean Connolly knows how to make tough subjects exciting and he brings that same intuitive understanding of what inspires and challenges kids' curiosity to the 24 problems in The Book of Perfectly Perilous Math. These problems are as fun to read as they are challenging to solve. They test readers on fractions, algebra, geometry, probability, expressions and equations, and more. Use geometry to fill in for the ship's navigator and make it safely to the New World. Escape an evil Duke's executioner by picking the right door—probability will save your neck.

A simple, visual approach to helping your child understand maths Reduce the stress of studying maths and help your child with their homework, following this unique visual guide which will demystify the subject for everyone. Using clear, accessible pictures, diagrams and easy-to-follow step-by-steps - and covering everything from basic numeracy to more challenging subjects like statistics and algebra - you'll learn to approach even the most complex maths problems with confidence. Includes a glossary of key maths terms and symbols. The perfect guide for every frustrated parent and desperate child, who wants to understand maths and put it into practice.

This draw-in activity book is packed with puzzles to solve, ideas to discover and objects to design. It explores some of the fundamental concepts that mathematicians use every day using just the contents of a pencil case. Illustrations: Full colour throughout

John Vince describes a range of mathematical topics to provide a foundation for an undergraduate course in computer science, starting with a review of number systems and their relevance to digital computers, and finishing with differential and integral calculus. Readers will find that the author's visual approach will greatly improve their understanding as to why certain mathematical structures exist, together with how they are used in real-world applications. Each chapter includes full-colour illustrations to clarify the mathematical descriptions, and in some cases, equations are also coloured to reveal vital algebraic patterns. The numerous worked examples will consolidate comprehension of abstract mathematical concepts. Foundation Mathematics for Computer Science covers number systems, algebra, logic, trigonometry, coordinate systems, determinants, vectors, matrices, geometric matrix transforms, differential and integral calculus, and reveals the names of the mathematicians behind such inventions. During this journey, John Vince touches upon more esoteric topics such as quaternions, octonions, Grassmann algebra, Barycentric coordinates, transfinite sets and prime numbers. Whether you intend to pursue a career in programming, scientific visualisation, systems design, or real-time computing, you should find the author's literary style refreshingly lucid and engaging, and prepare you for more advanced texts.

An "intriguing and accessible" (Publishers Weekly) interpretation of the life of Galileo Galilei, one of history's greatest and most fascinating scientists, that sheds new light on his discoveries and how he was challenged by science deniers. "We really need this story now, because we're living through the next chapter of science denial" (Bill McKibben). Galileo's story may be more relevant today than ever before. At present, we face enormous crises—such as minimizing the dangers of climate change—because the science behind these threats is erroneously questioned or ignored. Galileo encountered this problem 400 years ago. His discoveries, based on careful observations and ingenious experiments, contradicted conventional wisdom and the teachings of the church at the time. Consequently, in a blatant assault on freedom of thought, his books were forbidden by church authorities. Astrophysicist and bestselling author Mario Livio draws on his own scientific expertise and uses his "gifts as a great storyteller" (The Washington Post) to provide a "refreshing perspective" (Booklist) into how Galileo reached his bold new conclusions about the cosmos and the laws of nature. A freethinker who followed the evidence wherever it led him, Galileo was one of the most significant figures behind the scientific revolution. He believed that every educated person should know science as well as literature, and insisted on reaching the widest audience possible, publishing his books in Italian rather than Latin. Galileo was put on trial with his life in the balance for refusing to renounce his scientific convictions. He remains a hero and inspiration to scientists and all of those who respect science—which, as Livio reminds us in this "admirably clear and concise" (The Times, London) book, remains threatened everyday.

This handbook specifically targets the mathematical elements of A Level Science, whichever specification you're following. Includes plenty of practice questions in different contexts to increase confidence, worked examples and model answers for revision and exam preparation. Plus hints and tips for the exam and how to avoid common errors made in mathematical science questions.

At last, a unique book that explores and exploits the links between primary mathematics and science so that you can promote learning in both of these important STEM subjects! Rich in engaging ideas and activities for the classroom this book helps you plan and teach well-structured lessons in a more integrated way. The book outlines key curriculum topics in both subjects and considers why it is important and beneficial to make connections between the two. As well as covering key subject knowledge (what you need to know) and teaching activities (what you need to do), the book explores learners' mathematical and scientific needs, and defines the characteristics of effective teaching and learning, bringing it all together with ideas which you can use straightway in your classroom. Key features: • promotes an informed approach to integrating primary mathematics and science teaching • helps address the time constraints of delivering the primary national curriculum • presents engaging ideas which can be directly transferred to the classroom • provides a real-life context to mathematics and science activities to inspire student learning • helps you combine two closely related and sometimes tricky subject areas – why teach one subject when you can teach two at the same time! "Accessible, readable and engaging with a range of innovative teaching ideas, this is an invaluable book for all trainee and qualified primary teachers and other educational professionals with links to primary mathematics and science. A great 'go to' book for teachers and trainee teachers alike. Chapters are constructed with easy to read objectives and clear summaries. Many practical ideas, incorporating current research, as well as information on mathematicians and scientists, which is great for boosting children's aspirations and also helping with teachers' confidence on the subjects. A lovely, easy to access book, whether it is to use for reference, to dip in and out of or just to use alongside planning materials." Maria McArdle, Senior Lecturer PGCE & Mathematics Lead (Primary), University of Bedfordshire, UK

[Quest Adventure \(pack of 12 Books\)](#)

[New 2015 A-level Physics](#)

[The Grapes of Math](#)

[Maths: A Student's Survival Guide](#)

[DIY Project Based Learning for Math and Science](#)

[Symbolic Computing Applications in Maple and Mathematica](#)

[Foundation Mathematics for Computer Science](#)

[Maths for science and technology](#)

[New KS2 Complete SATS Practice Papers Pack: Science, Maths & English \(for the 2019 Tests\) - Pack 2](#)

[Maths_Stage 5](#)

[Hands-on Science and Math](#)

[24 Death-Defying Challenges for Young Mathematicians](#)

Endorsed by Cambridge Assessment International Education to support the full curriculum framework from 2011. Develop learners' mathematical fluency, problem solving and reasoning skills using the mastery approach, with this series of Learner's Books. - Introduce topics through engaging starter activities - Develop mathematical language with New Words and worked examples - Illustrate topics clearly and vividly with imaginative design and relatable characters - Build fluency and mathematical reasoning skills by exploring, clarifying, practising and then extending concepts to ensure learners master mathematical ideas - Enhance learners' ability to apply their skills and solve non-routine mathematical problems, by ensuring they secure a deep conceptual understanding of the subject - Support learners of all abilities with Hints and Try this extension challenges - Secure knowledge with problem solving integrated throughout - Incorporates assessment for learning through self-check activities at the end of each unit

This 15-hour free course demonstrated how to reflect on maths knowledge, and to identify and learn skills needed for science and technology.

The maths needed to succeed in GCSE Science is harder now than ever before. Suitable for all awarding bodies, this practical handbook addresses all of the maths skills needed for GCSE Science. Worked examples, practice questions, 'remember points' and 'stretch yourself' questions provide plenty of practice and build students' confidence.

This self-help workbook covers mathematics essential to first-year undergraduate scientists and engineers. The second edition of this highly successful textbook has been completely revised and there is a totally new chapter on vectors. Mathematics underpins all science and engineering degrees, and this may cause problems for students whose understanding of the subject is weak. In this book Jenny Olive uses her extensive experience of teaching and helping students by giving a clear and confident presentation of the core mathematics needed by students starting science or engineering courses.

What is an imaginary number? Can two parallel lines ever meet? How can maths help us predict the future? Charting the development of maths around the world from Babylon to Bletchley Park, this book explores big questions like these and explains how the answers help us understand everything from patterns in nature to artificial intelligence. Written in clear English, The Maths Book is packed with short, pithy explanations that cut through the jargon, step-by-step diagrams that untangle knotty theories, memorable quotes, and witty illustrations that play with our ideas about numbers. This diverse and inclusive account of mathematics will have something for everybody, including the maths behind world economies and espionage. But it also traces the history of maths, from ancient ideas such as magic squares and the abacus to modern cryptography, fractals, and the final proof of Fermat's Last Theorem. Continuing the "Big Ideas" series' trademark combination of authoritative, clear text and bold graphics, The Maths Book uses an innovative visual approach to make the subject accessible to everyone, whether you're an avid student or just curious about maths.

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 re-tool 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.

A hugely enjoyable, brilliantly researched explanation of the basic principles of maths.

[A Self-Help Workbook for Science and Engineering Students](#)

[Alex's Adventures in Numberland](#)

[Essential Maths Skills](#)

[The Maths Book](#)

[Teaching Primary Maths and Science](#)

[Study Skills, Maths, and Science](#)

[Maths Skills for Biology a Level](#)

[Changing the Subject](#)

[The Easy Way to Learn Trig](#)

[Maths for Science](#)

[And the Science Deniers](#)

[Weird Maths](#)

Trigonometry: A Complete Introduction is the most comprehensive yet easy-to-use introduction to Trigonometry. Written by a leading expert, this book will help you if you are studying for an important exam or essay, or if you simply want to improve your knowledge. The book covers all areas of trigonometry including the theory and equations of tangent, sine and cosine, using trigonometry in three dimensions and for angles of any magnitude, and applications of trigonometry including radians, ratio, compound angles and circles related to triangles. Everything you will need is here in this one book. Each chapter includes not only an explanation of the knowledge and skills you need, but also worked examples and test questions.

Numerical ability is an essential skill for everyone studying thebiological sciences but many students are frightened by the'perceived' difficulty of mathematics, and are nervous aboutapplying mathematical skills in their chosen field of study. Havingtaught introductory maths and statistics for many years, Alan Cannunderstands these challenges and just how invaluable an accessible,confidence building textbook could be to the fearful student.Unable to find a book pitched at the right level, that concentratedon why numerical skills are useful to biologists, he wrote his own.The result is Maths from Scratch for Biologists , a highlyinstructive, informal text that explains step by step how and whyyou need to tackle maths within the biological sciences. Features: * An accessible, jargon-busting approach to help readers masterbasic mathematical, statistical and data handling techniques inbiology * Numerous end of chapter problems to reinforce key concepts andencourage students to test their newly acquired skills throughpractise * A handy, time-saving glossary * A supplementary website with numerous problems and self-testexercises

KS3 Complete Practice Tests - Science, Maths & English

Authorised adaptation from the United States edition, entitled Get ready for A&P, 1st ed., published by Pearson Education in 2007.

Provides a concise overview of the core undergraduate physics and applied mathematics curriculum for students and practitioners of science and engineering Fundamental Math and Physics for Scientists and Engineers summarizes college and university level physics together with the mathematics frequently encountered in engineering and physics calculations. The presentation provides straightforward, coherent explanations of underlying concepts emphasizing essential formulas, derivations, examples, and computer programs. Content that should be thoroughly mastered and memorized is clearly identified while unnecessary technical details are omitted. Fundamental Math and Physics for Scientists and Engineers is an ideal resource for undergraduate science and engineering students and practitioners, students reviewing for the GRE and graduate-level comprehensive exams, and general readers seeking to improve their comprehension of undergraduate physics. Covers topics frequently encountered in undergraduate physics, in particular those appearing in the Physics GRE subject examination Reviews relevant areas of undergraduate applied mathematics, with an overview chapter on scientific programming Provides simple, concise explanations and illustrations of underlying concepts Succinct yet comprehensive, Fundamental Math and Physics for Scientists and Engineers constitutes a reference for science and engineering students, practitioners and non-practitioners alike.

This book identifies the organizing concepts of physical and biological phenomena by an analysis of the foundations of mathematics and physics. Our aim is to propose a dialog between different conceptual universes and thus to provide a unification of phenomena. The role of "order" and symmetries in the foundations of mathematics is linked to the main invariants and principles, among them the geodesic principle (a consequence of symmetries), which govern and confer unity to various physical theories. Moreover, an attempt is made to understand causal structures, a central element of physical intelligibility, in terms of both symmetries and symmetry breakings. A distinction between the principles of (conceptual) construction and of proofs, both in physics and in mathematics, guides most of the work. The importance of mathematical tools is also highlighted to clarify differences in the models for physics and biology that are proposed by continuous and discrete mathematics, such as computational simulations. Since biology is particularly complex and not as well understood at a theoretical level, we propose a "unification by concepts" which in any case should precede mathematization. This constitutes an outline for unification also based on highlighting conceptual differences, complex points of passage and technical irreducibilities of one field to another. Indeed, we suppose here a very common monist point of view, namely the view that living objects are "big bags of molecules". The main question though is to understand which "theory" can help better understand these bags of molecules. They are, indeed, rather "singular", from the physical point of view. Technically, we express this singularity through the concept of "extended criticality", which provides a logical extension of the critical transitions that are known in physics. The presentation is mostly kept at an informal and conceptual level. Contents:Mathematical Concepts and Physical ObjectsIncompleteness and Indetermination in Mathematics and PhysicsSpace and Time from Physics to BiologyInvariances, Symmetries, and Symmetry BreakingsCauses and Symmetries: The Continuum and the Discrete in Mathematical ModelingExtended Criticality: The Physical Singularity of Life PhenomenaRandomness and Determination in the Interplay between the Continuum and the DiscreteConclusion: Unification and Separation of Theories, or the Importance of Negative Results Readership: Graduate students and professionals in the fields of natural sciences, biology, computer science, mathematics, and physics. Keywords:Foundations of Mathematics and of Physics;Epistemology;Theoretical BiologyKey Features:This book is an epistemological reflection carried out by two working scientists, a physicist and a mathematician, who focus on biology. They first address a comparative analysis of the founding principles of their own disciplines. On the grounds of a three-fold blend, they then introduce a unique proposal, which does not passively transfer the paradigms of the first two theoretically well-established disciplines, to suggest a novel theoretical framework for the third discipline

This book explores what reasoning is and what it is not. It includes background theory and a rationale for primary teachers alongside examples of how reasoning in primary mathematics and science classes can develop.

[Help Your Kids With Maths](#)

[Reasons to Reason in Primary Maths and Science](#)

[A Practical Approach](#)

[How Life Reflects Numbers and Numbers Reflect Life](#)

[The Basics](#)

[Bright Sparks, Ages 5-7](#)

[Trigonometry: A Complete Introduction](#)

[The 50 Most Mind-Expanding Theories in Mathematics, Each Explained in Half a Minute](#)

[Maths Scribble Book](#)