

Sjn Ebook Target Your Maths Year 5 By Stephen Pearce

#1 NEW YORK TIMES BESTSELLER • ONE OF TIME MAGAZINE'S 100 BEST YA BOOKS OF ALL TIME The extraordinary, beloved novel about the ability of books to feed the soul even in the darkest of times. When Death has a story to tell, you listen. It is 1939. Nazi Germany. The country is holding its breath. Death has never been busier, and will become busier still. Liesel Meminger is a foster girl living outside of Munich, who scratches out a meager existence for herself by stealing when she encounters something she can't resist—books. With the help of her accordion-playing foster father, she learns to read and shares her stolen books with her neighbors during bombing raids as well as with the Jewish man hidden in her basement. In superbly crafted writing that burns with intensity, award-winning author Markus Zusak, author of *I Am the Messenger*, has given us one of the most enduring stories of our time. "The kind of book that can be life-changing." —The New York Times "Deserves a place on the same shelf with *The Diary of a Young Girl* by Anne Frank." —USA Today DON'T MISS BRIDGE OF CLAY, MARKUS ZUSAK'S FIRST NOVEL SINCE THE BOOK THIEF.

"Witty, compelling, and just plain fun to read . . ." —Evelyn Lamb, *Scientific American* The Freakonomics of math—a math-world superstar unveils the hidden beauty and logic of the world and puts its power in our hands The math we learn in school can seem like a dull set of rules, laid down by the ancients and not to be questioned. In *How Not to Be Wrong*, Jordan Ellenberg shows us how terribly limiting this view is: Math isn't confined to abstract incidents that never occur in real life, but rather touches everything we do—the whole world

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is shot through with it. Math allows us to see the hidden structures underneath the messy and chaotic surface of our world. It's a science of not being wrong, hammered out by centuries of hard work and argument. Armed with the tools of mathematics, we can see through to the true meaning of information we take for granted: How early should you get to the airport? What does "public opinion" really represent? Why do tall parents have shorter children? Who really won Florida in 2000? And how likely are you, really, to develop cancer? How Not to Be Wrong presents the surprising revelations behind all of these questions and many more, using the mathematician's method of analyzing life and exposing the hard-won insights of the academic community to the layman—minus the jargon. Ellenberg chases mathematical threads through a vast range of time and space, from the everyday to the cosmic, encountering, among other things, baseball, Reaganomics, daring lottery schemes, Voltaire, the replicability crisis in psychology, Italian Renaissance painting, artificial languages, the development of non-Euclidean geometry, the coming obesity apocalypse, Antonin Scalia's views on crime and punishment, the psychology of slime molds, what Facebook can and can't figure out about you, and the existence of God. Ellenberg pulls from history as well as from the latest theoretical developments to provide those not trained in math with the knowledge they need. Math, as Ellenberg says, is "an atomic-powered prosthesis that you attach to your common sense, vastly multiplying its reach and strength." With the tools of mathematics in hand, you can understand the world in a deeper, more meaningful way. How Not to Be Wrong will show you how.

"We finally have the definitive treatise on PyTorch! It covers the basics and abstractions in great detail. I hope this book becomes your extended reference document." —Soumith Chintala, co-creator of PyTorch

Key Features Written by

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PyTorch's creator and key contributors Develop deep learning models in a familiar Pythonic way Use PyTorch to build an image classifier for cancer detection Diagnose problems with your neural network and improve training with data augmentation Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands. Instantly familiar to anyone who knows Python data tools like NumPy and Scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's great for building quick models, and it scales smoothly from laptop to enterprise. Deep Learning with PyTorch teaches you to create deep learning and neural network systems with PyTorch. This practical book gets you to work right away building a tumor image classifier from scratch. After covering the basics, you'll learn best practices for the entire deep learning pipeline, tackling advanced projects as your PyTorch skills become more sophisticated. All code samples are easy to explore in downloadable Jupyter notebooks. What You Will Learn Understanding deep learning data structures such as tensors and neural networks Best practices for the PyTorch Tensor API, loading data in Python, and visualizing results Implementing modules and loss functions Utilizing pretrained models from PyTorch Hub Methods for training networks with limited inputs Sifting through unreliable results to diagnose and fix problems in your neural network Improve your results with augmented data, better model architecture, and fine tuning This Book Is Written For For Python programmers with an interest in machine learning. No experience with PyTorch or other deep learning frameworks is required. About The Authors Eli

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Stevens has worked in Silicon Valley for the past 15 years as a software engineer, and the past 7 years as Chief Technical Officer of a startup making medical device software. Luca Antiga is co-founder and CEO of an AI engineering company located in Bergamo, Italy, and a regular contributor to PyTorch. Thomas Viehmann is a Machine Learning and PyTorch speciality trainer and consultant based in Munich, Germany and a PyTorch core developer.

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THE BATTLE TO SAVE HUMANITY HAS BEGUN. Off the coast of Antarctica, a research vessel discovers a mysterious structure buried deep within an iceberg. Entombed for thousands of years, it can't possibly be man-made. But a secretive and ruthless cabal think they know what it is... and what it means. The Immari have spent millennia preparing for the return of humanity's ancient enemy. Faced with an extinction-level threat, they believe mankind's only chance of survival will mean sacrificing 99.9% of the planet's population. It's a price the Immari are prepared to pay. Geneticist Kate Warner and intelligence agent David Vale may have a chance to avert the looming catastrophe, but only if they can decode

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the secrets of the Atlantis Gene and unlock the truth about humanity's origins.

Learning to make and decorate cakes that are as beautiful as they are delicious can be a challenge, but with the expert guidance of renowned confectionery artist Autumn Carpenter in *First Time Cake Decorating*, your goal is within reach. Like having your very own cake decorating instructor at your side, *First Time Cake Decorating* guides you expertly through the process, from baking and prepping your first cake through a range of decorating techniques, from essential piping techniques for creating borders, writing, and flowers to working with gum paste and fondant to make stunning daisies, roses, lilies, and more. There's a first time for everything. Enjoy the journey and achieve success with *First Time Cake Decorating*!

From the author of *Exhalation*, an award-winning short story collection that blends "absorbing storytelling with meditations on the universe, being, time and space ... raises questions about the nature of reality and what it is to be human" (*The New York Times*). *Stories of Your Life and Others* delivers dual delights of the very, very strange and the heartbreakingly familiar, often presenting characters who must confront sudden change—the inevitable rise of automatons or the appearance of aliens—with some sense of normalcy. With sharp intelligence and humor, Chiang examines what it means to be alive in a world marked by uncertainty, but also by beauty and wonder. An award-winning collection from one of today's most lauded writers, *Stories of Your Life and Others* is a contemporary classic. Includes "Story of Your Life"—the basis for the major motion picture *Arrival*

Category theory is unmatched in its ability to organize and layer abstractions and to find commonalities between structures of all sorts. No longer the exclusive preserve of pure mathematicians, it is now proving itself to be a powerful

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tool in science, informatics, and industry. By facilitating communication between communities and building rigorous bridges between disparate worlds, applied category theory has the potential to be a major organizing force. This book offers a self-contained tour of applied category theory. Each chapter follows a single thread motivated by a real-world application and discussed with category-theoretic tools. We see data migration as an adjoint functor, electrical circuits in terms of monoidal categories and operads, and collaborative design via enriched profunctors. All the relevant category theory, from simple to sophisticated, is introduced in an accessible way with many examples and exercises, making this an ideal guide even for those without experience of university-level mathematics.

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

NEW YORK TIMES BESTSELLER • This instant classic explores how we can change our lives by changing our habits. **NAMED ONE OF THE BEST BOOKS OF THE YEAR** BY The Wall Street Journal • Financial Times In *The Power of Habit*, award-winning business reporter Charles Duhigg takes us to the thrilling edge of scientific discoveries that explain why habits exist and how they can be changed. Distilling vast amounts of information into engrossing narratives that take us from the boardrooms of Procter & Gamble to the sidelines of the NFL to the front lines of the civil rights

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movement, Duhigg presents a whole new understanding of human nature and its potential. At its core, *The Power of Habit* contains an exhilarating argument: The key to exercising regularly, losing weight, being more productive, and achieving success is understanding how habits work. As Duhigg shows, by harnessing this new science, we can transform our businesses, our communities, and our lives. With a new Afterword by the author

“Sharp, provocative, and useful.”—Jim Collins “Few [books] become essential manuals for business and living. *The Power of Habit* is an exception. Charles Duhigg not only explains how habits are formed but how to kick bad ones and hang on to the good.”—Financial Times “A flat-out great read.”—David Allen, bestselling author of *Getting Things Done: The Art of Stress-Free Productivity* “You’ll never look at yourself, your organization, or your world quite the same way.”—Daniel H. Pink, bestselling author of *Drive* and *A Whole New Mind* “Entertaining . . . enjoyable . . . fascinating . . . a serious look at the science of habit formation and change.”—The New York Times Book Review

"In addition to extensive and effective training on every aspect of the SAT, the SAT Black Book gives you detailed, systematic, easy-to-follow walkthroughs for every question in 4 of the College Board's official SAT Practice Tests. The Black Book is a must-have in your SAT preparation, whether you

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need to - make a perfect 1600 to be competitive at an Ivy, score a 450 in each section to claim a sports scholarship, or anything in between."--Publisher.

MATHEMATICS FOR INFORMATION

TECHNOLOGY delivers easy-to-understand and balanced mathematical instruction. Each chapter begins with an application, goes on to present the material with examples, and closes with a summary of the relevant concepts and practice exercises. With numerous illustrations included, students can understand the content from a number of different angles. Whether used in a classroom or an online distance-learning format, students majoring in electronics, computer programming, and information technology will find Mathematics for Information Technology an extremely valuable resource.

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"Visually appealing and enjoyable to read aloud, this book is a versatile introduction to redwood trees and forest conservation." —School Library Journal Step into the magical, but true, world of a coast redwood forest -- one of nature's most diverse environments. Experience the life of one tiny tree as it survives despite all odds and grows generation by generation into the tallest tree on earth today. A recipient of a silver Eureka! Award from the California Reading Association for outstanding nonfiction. A children's

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book about how a once tiny seedling, deep in the forest of Redwood National Park, that was protected by the animals and plants that surrounded it, stretched toward the sun to become the tallest known tree on earth. It survived ecological and human threats and flourished for over 1200 years. Logging in the nineteenth and twentieth centuries depleted the coastal redwood population significantly. But the creation of northern California's Redwood National Park in 1968 helped to save some of the ancient trees, like this one. The tree was discovered by tall tree scientists in 2006, but in the hopes to keep the tree safe, its exact location is kept secret. Susan Swan's eye-catching illustrations are made of found objects and hand-painted papers bringing a natural depth and texture to the story. Peppered with impressive facts about trees and extensive backmatter, Pearson proves that every tree has a story to tell.

An illustrated tour of the structures and patterns we call "math" The only numbers in this book are the page numbers. Math Without Numbers is a vivid, conversational, and wholly original guide to the three main branches of abstract math—topology, analysis, and algebra—which turn out to be surprisingly easy to grasp. This book upends the conventional approach to math, inviting you to think creatively about shape and dimension, the infinite and infinitesimal, symmetries, proofs, and how these concepts all fit

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together. What awaits readers is a freewheeling tour of the inimitable joys and unsolved mysteries of this curiously powerful subject. Like the classic math allegory *Flatland*, first published over a century ago, or Douglas Hofstadter's *Godel, Escher, Bach* forty years ago, there has never been a math book quite like *Math Without Numbers*. So many popularizations of math have dwelt on numbers like pi or zero or infinity. This book goes well beyond to questions such as: How many shapes are there? Is anything bigger than infinity? And is math even true? Milo Beckman shows why math is mostly just pattern recognition and how it keeps on surprising us with unexpected, useful connections to the real world. The ambitions of this book take a special kind of author. An inventive, original thinker pursuing his calling with jubilant passion. A prodigy. Milo Beckman completed the graduate-level course sequence in mathematics at age sixteen, when he was a sophomore at Harvard; while writing this book, he was studying the philosophical foundations of physics at Columbia under Brian Greene, among others.

College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. The text and images in this

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textbook are grayscale.

According to the great mathematician Paul Erdős, God maintains perfect mathematical proofs in *The Book*. This book presents the authors candidates for such "perfect proofs," those which contain brilliant ideas, clever connections, and wonderful observations, bringing new insight and surprising perspectives to problems from number theory, geometry, analysis, combinatorics, and graph theory. As a result, this book will be fun reading for anyone with an interest in mathematics.

Early one morning Gator climbs a tree, but he will not tell anyone why. Join Moose, Giraffe, Rhino and many more as they try and discover what this silly gator is up to in a tree. Illustrated by seven different artists in a collage of breathtaking styles, author Jordan Courtney takes us for a creative climb with this easy to read picture book.

Longlisted for the National Book Award New York Times Bestseller A former Wall Street quant sounds an alarm on the mathematical models that pervade modern life -- and threaten to rip apart our social fabric We live in the age of the algorithm. Increasingly, the decisions that affect our lives--where we go to school, whether we get a car loan, how much we pay for health insurance--are being made not by humans, but by mathematical models. In theory, this should lead to greater fairness: Everyone is judged according to the same rules, and bias is eliminated. But as Cathy O'Neil reveals in this urgent and necessary book, the opposite is true. The models being used today are opaque, unregulated, and uncontestable, even when they're wrong. Most troubling,

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they reinforce discrimination: If a poor student can't get a loan because a lending model deems him too risky (by virtue of his zip code), he's then cut off from the kind of education that could pull him out of poverty, and a vicious spiral ensues. Models are propping up the lucky and punishing the downtrodden, creating a "toxic cocktail for democracy."

Welcome to the dark side of Big Data. Tracing the arc of a person's life, O'Neil exposes the black box models that shape our future, both as individuals and as a society. These "weapons of math destruction" score teachers and students, sort resumes, grant (or deny) loans, evaluate workers, target voters, set parole, and monitor our health. O'Neil calls on modelers to take more responsibility for their algorithms and on policy makers to regulate their use. But in the end, it's up to us to become more savvy about the models that govern our lives. This important book empowers us to ask the tough questions, uncover the truth, and demand change. -- Longlist for National Book Award (Non-Fiction) -- Goodreads, semi-finalist for the 2016 Goodreads Choice Awards (Science and Technology) -- Kirkus, Best Books of 2016 -- New York Times, 100 Notable Books of 2016 (Non-Fiction) -- The Guardian, Best Books of 2016 -- WBUR's "On Point," Best Books of 2016: Staff Picks -- Boston Globe, Best Books of 2016, Non-Fiction

Winner of the American Library Association's 2021 Asian/Pacific American Award for Best Picture Book! An inspiring picture-book biography of animator Tyrus Wong, the Chinese American immigrant responsible for bringing Disney's Bambi to life. Before he became an artist named Tyrus Wong, he was a boy named Wong Geng Yeo. He traveled across a vast ocean from China to America with only a suitcase and a few papers. Not papers for drawing--which he loved to do--but immigration papers to start a new life. Once in America, Tyrus seized every opportunity to make art,

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eventually enrolling at an art institute in Los Angeles. Working as a janitor at night, his mop twirled like a paintbrush in his hands. Eventually, he was given the opportunity of a lifetime--and using sparse brushstrokes and soft watercolors, Tyrus created the iconic backgrounds of Bambi. Julie Leung and Chris Sasaki perfectly capture the beautiful life and work of a painter who came to this country with dreams and talent--and who changed the world of animation forever. Viper has always been a bastard, a nightmare, death for hire. He's known for his swift kills, so he isn't surprised when he's offered seven figures for a new hit. It's supposed to be a quick find and eliminate. When his mark turns out to be an innocent twenty-year old with big blue eyes, he shouldn't care one way or another, but he does. Viper wants to keep her for himself.

A heart-warming story about a young, purple penguin named Cameron, who grows up in a village of red and blue penguins. Cameron knows that he is somehow different from the other red and blue penguins in his village, but doesn't let that stop him from finding happiness. Through his experiences, Cameron learns about equality and the importance of being true to himself.

Bran Slocum stands out from the moment he arrives at Ridgewood High, with his oddly unfocused eye and his unusual mode of dress. The immediate target of bullies, he seems strangely aloof and untouched. Sixteen year old Molly Pepper, herself an outsider, is intrigued by his attitude and sets out to befriend him, persuading her best friend David to join her in reaching out to him. Molly and David begin to see that Bran is hiding some sort of secret, but they have no idea how shocking the secret is until the truth hits Ridgewoodâin headlines that put Bran and his new friends in terrible danger, as the whole town turns against them. Events spin out of control and fear spreads like a deadly contagion. Their

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friendship deepening as they face the plague of hatred together, Bran, Molly and David can only hope they will be able to stand against it.

A comprehensive introduction to the tools, techniques and applications of convex optimization.

The World Book EncyclopediaWorld Book

Journalist Walls grew up with parents whose ideals and stubborn nonconformity were their curse and their salvation. Rex and Rose Mary and their four children lived like nomads, moving among Southwest desert towns, camping in the mountains. Rex was a charismatic, brilliant man who, when sober, captured his children's imagination, teaching them how to embrace life fearlessly. Rose Mary painted and wrote and couldn't stand the responsibility of providing for her family. When the money ran out, the Walls retreated to the dismal West Virginia mining town Rex had tried to escape. As the dysfunction escalated, the children had to fend for themselves, supporting one another as they found the resources and will to leave home. Yet Walls describes her parents with deep affection in this tale of unconditional love in a family that, despite its profound flaws, gave her the fiery determination to carve out a successful life. -- From publisher description.

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine

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learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

A lone sniper. Eight million targets. An entire city on edge... A mysterious sniper is killing random New York City citizens at the same time every day. Detective Joe Bannon and his partner Hannah Trimble follow the trail of clues down repeated blind alleys. With citizens fearing to venture outside, the streets of Manhattan have become nearly deserted. When the sniper begins escalating the profile of his targets, higher level government agencies are pulled in. But the shooter always seems to be one step ahead of the law and slips away whenever the authorities get close. As copycat killings begin spreading to other cities across the U.S., the President hatches a dangerous plan to trap the killer. Can Joe and Hannah catch the assassin before he

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executes the most closely guarded man in history? Catch the excitement - read the reader reviews: "The best thriller I've read in the last 12 months." "Gripping page turner." "Nonstop scary thrill ride." "Couldn't put it down." "The best of the best." "McLeay: A star is born." "A remarkable work." "You need to read this one." Get your pulse pounding today with this unputdownable thriller!

In August 1859 Bernhard Riemann, a little-known 32-year old mathematician, presented a paper to the Berlin Academy titled: "On the Number of Prime Numbers Less Than a Given Quantity." In the middle of that paper, Riemann made an incidental remark "a guess, a hypothesis. What he tossed out to the assembled mathematicians that day has proven to be almost cruelly compelling to countless scholars in the ensuing years. Today, after 150 years of careful research and exhaustive study, the question remains. Is the hypothesis true or false? Riemann's basic inquiry, the primary topic of his paper, concerned a straightforward but nevertheless important matter of arithmetic "defining a precise formula to track and identify the occurrence of prime numbers. But it is that incidental remark "the Riemann Hypothesis" that is the truly astonishing legacy of his 1859 paper. Because Riemann was able to see beyond the pattern of the primes to discern traces of something mysterious and mathematically elegant shrouded in the shadows "

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subtle variations in the distribution of those prime numbers. Brilliant for its clarity, astounding for its potential consequences, the Hypothesis took on enormous importance in mathematics. Indeed, the successful solution to this puzzle would herald a revolution in prime number theory. Proving or disproving it became the greatest challenge of the age. It has become clear that the Riemann Hypothesis, whose resolution seems to hang tantalizingly just beyond our grasp, holds the key to a variety of scientific and mathematical investigations. The making and breaking of modern codes, which depend on the properties of the prime numbers, have roots in the Hypothesis. In a series of extraordinary developments during the 1970s, it emerged that even the physics of the atomic nucleus is connected in ways not yet fully understood to this strange conundrum. Hunting down the solution to the Riemann Hypothesis has become an obsession for many — the veritable "great white whale" of mathematical research. Yet despite determined efforts by generations of mathematicians, the Riemann Hypothesis defies resolution. Alternating passages of extraordinarily lucid mathematical exposition with chapters of elegantly composed biography and history, *Prime Obsession* is a fascinating and fluent account of an epic mathematical mystery that continues to challenge and excite the world. Posited a century and a half

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ago, the Riemann Hypothesis is an intellectual feast for the cognoscenti and the curious alike. Not just a story of numbers and calculations, Prime Obsession is the engrossing tale of a relentless hunt for an elusive proof "and those who have been consumed by it.

An extraordinary story, never before told: The intimate, behind-the-scenes life of an American boy raised by his terrorist father—the man who planned the 1993 World Trade Center bombing. What is it like to grow up with a terrorist in your home? Zak Ebrahim was only seven years old when, on November 5th, 1990, his father El-Sayyid Nosair shot and killed the leader of the Jewish Defense League. While in prison, Nosair helped plan the bombing of the World Trade Center in 1993. In one of his infamous video messages, Osama bin Laden urged the world to "Remember El-Sayyid Nosair." For Zak Ebrahim, a childhood amongst terrorism was all he knew. After his father's incarceration, his family moved often, and as the perpetual new kid in class, he faced constant teasing and exclusion. Yet, though his radicalized father and uncles modeled fanatical beliefs, to Ebrahim something never felt right. To the shy, awkward boy, something about the hateful feelings just felt unnatural. In this book, Ebrahim dispels the myth that terrorism is a foregone conclusion for people trained to hate. Based on his own remarkable journey, he shows that hate is

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always a choice—but so is tolerance. Though Ebrahim was subjected to a violent, intolerant ideology throughout his childhood, he did not become radicalized. Ebrahim argues that people conditioned to be terrorists are actually well positioned to combat terrorism, because of their ability to bring seemingly incompatible ideologies together in conversation and advocate in the fight for peace. Ebrahim argues that everyone, regardless of their upbringing or circumstances, can learn to tap into their inherent empathy and embrace tolerance over hatred. His original, urgent message is fresh, groundbreaking, and essential to the current discussion about terrorism.

The #1 New York Times bestseller and National Book Award Finalist from the bestselling author of *Everything, Everything* will have you falling in love with Natasha and Daniel as they fall in love with each other. Natasha: I'm a girl who believes in science and facts. Not fate. Not destiny. Or dreams that will never come true. I'm definitely not the kind of girl who meets a cute boy on a crowded New York City street and falls in love with him. Not when my family is twelve hours away from being deported to Jamaica. Falling in love with him won't be my story. Daniel: I've always been the good son, the good student, living up to my parents' high expectations. Never the poet. Or the dreamer. But when I see her, I forget about all that. Something about Natasha

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makes me think that fate has something much more extraordinary in store—for both of us. The Universe: Every moment in our lives has brought us to this single moment. A million futures lie before us. Which one will come true? *** "Beautifully crafted."--People Magazine "A book that is very much about the many factors that affect falling in love, as much as it is about the very act itself . . . fans of Yoon's first novel, Everything Everything, will find much to love—if not, more—in what is easily an even stronger follow up." —Entertainment Weekly "Transcends the limits of YA as a human story about falling in love and seeking out our futures." —POPSUGAR.com

Technical Math For Dummies is your one-stop, hands-on guide to acing the math courses you'll encounter as you work toward getting your degree, certification, or license in the skilled trades. You'll get easy-to-follow, plain-English guidance on mathematical formulas and methods that professionals use every day in the automotive, health, construction, licensed trades, maintenance, and other trades. You'll learn how to apply concepts of algebra, geometry, and trigonometry and their formulas related to occupational areas of study. Plus, you'll find out how to perform basic arithmetic operations and solve word problems as they're applied to specific trades. Maps to a course commonly required by vocational schools, community and technical college, or for certification

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in the skilled trades Covers the basic concepts of arithmetic, algebra, geometry, and trigonometry Helps professionals keep pace with job demands Whether you're a student currently enrolled in a program or a professional who is already in the work force, Technical Math For Dummies gives you everything you need to improve your math skills and get ahead of the pack.

Nominated for a Small Business Marketing Book award!. You have 30 days to convert a user to a paying customer starting NOW. The clock is ticking. What will you do? Collecting and analysing the messaging and strategies the leading e-commerce, software and service companies use as they convert trial users to customers in the most important 30 days after sign-up. Each companies strategy is broken down and presented in an easy to use and understand visual guide. 30 days to sell is a must buy if you are looking to automate and improve new customer conversion. This book covers: Activation campaigns from the worlds leading web companies. Easy reference guide - what message to send and when. Full page examples of each marketing message. Steal ideas from successful entrepreneurs, marketers and growth hackers. Two new bonus chapters showcasing more activation campaigns.

With her award-winning debut novel, Purple Hibiscus, Chimamanda Ngozi Adichie was heralded

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by the Washington Post Book World as the “21st century daughter” of Chinua Achebe. Now, in her masterly, haunting new novel, she recreates a seminal moment in modern African history: Biafra’s impassioned struggle to establish an independent republic in Nigeria during the 1960s. With the effortless grace of a natural storyteller, Adichie weaves together the lives of five characters caught up in the extraordinary tumult of the decade. Fifteen-year-old Ugwu is houseboy to Odenigbo, a university professor who sends him to school, and in whose living room Ugwu hears voices full of revolutionary zeal. Odenigbo’s beautiful mistress, Olanna, a sociology teacher, is running away from her parents’ world of wealth and excess; Kainene, her urbane twin, is taking over their father’s business; and Kainene’s English lover, Richard, forms a bridge between their two worlds. As we follow these intertwined lives through a military coup, the Biafran secession and the subsequent war, Adichie brilliantly evokes the promise, and intimately, the devastating disappointments that marked this time and place. Epic, ambitious and triumphantly realized, *Half of a Yellow Sun* is a more powerful, dramatic and intensely emotional picture of modern Africa than any we have had before.

#1 INTERNATIONAL BESTSELLER AN ADAM SAVAGE BOOK CLUB PICK The book-length answer to anyone who ever put their hand up in math class and

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asked, “When am I ever going to use this in the real world?” “Fun, informative, and relentlessly entertaining, *Humble Pi* is a charming and very readable guide to some of humanity’s all-time greatest miscalculations—that also gives you permission to feel a little better about some of your own mistakes.” —Ryan North, author of *How to Invent Everything* Our whole world is built on math, from the code running a website to the equations enabling the design of skyscrapers and bridges. Most of the time this math works quietly behind the scenes . . . until it doesn’t. All sorts of seemingly innocuous mathematical mistakes can have significant consequences. Math is easy to ignore until a misplaced decimal point upends the stock market, a unit conversion error causes a plane to crash, or someone divides by zero and stalls a battleship in the middle of the ocean. Exploring and explaining a litany of glitches, near misses, and mathematical mishaps involving the internet, big data, elections, street signs, lotteries, the Roman Empire, and an Olympic team, Matt Parker uncovers the bizarre ways math trips us up, and what this reveals about its essential place in our world. Getting it wrong has never been more fun.

A deadly underground game might just be altering reality itself in this all-new adventure set in the world of the hit *Rabbits* podcast. “A wild ride . . . impossible to put down.”—*Publishers Weekly* (starred review) It’s an average work day. You’ve been wrapped up in a task, and you check the clock when you come up for air—4:44 p.m. You check your email, and 44 unread messages have built up. With a shock, you realize the date is April

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4—4/4. And when you get in your car to drive home, your odometer reads 44,444. Coincidence? Or have you just seen the edge of a rabbit hole? Rabbits is a mysterious alternate reality game so vast it uses the entire world as its canvas. Since the game started in 1959, ten iterations have appeared and nine winners have been declared. The identities of these winners are unknown. So is their reward, which is whispered to be NSA or CIA recruitment, vast wealth, immortality, or perhaps even the key to the secrets of the universe itself. But the deeper you get, the more dangerous the game becomes. Players have died in the past—and the body count is rising. And now the eleventh round is about to begin. Enter K—a Rabbits obsessive who has been trying to find a way into the game for years. That path opens when K is approached by billionaire Alan Scarpio, rumored to be the winner of the sixth iteration. Scarpio says that something has gone wrong with the game and that K needs to fix it before Eleven starts, or the whole world will pay the price. Five days later, Scarpio is declared missing. Two weeks after that, K blows the deadline: Eleven begins. And suddenly, the fate of the entire universe is at stake.

Use a practical approach to teaching mathematics that integrates proven literacy strategies for effective instruction. This professional resource will help to maximize the impact of instruction through the use of whole-class instruction, small-group instruction, and Math Workshop. Incorporate ideas for using ongoing assessment to guide your instruction and increase student learning, and use hands-on, problem-solving

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experiences with small groups to encourage mathematical communication and discussion. Guided Math supports the College and Career Readiness and other state standards.

"A 22-volume, highly illustrated, A-Z general encyclopedia for all ages, featuring sections on how to use World Book, other research aids, pronunciation key, a student guide to better writing, speaking, and research skills, and comprehensive index"--

Chronicles the last half century's haphazard attempt to harness fusion energy, describing how governments and research teams throughout the world have employed measures ranging from the controversial to the humorous.

More than 30 million Americans quit their jobs in 2015. Many of them left because their jobs had become too toxic to tolerate. How does this happen? How can it be stopped? FUCKERY teaches career-driven employees how to break the bad habits that destroy people and undermine performance. By mapping negative habits, you'll reclaim lost productivity, repair disabled communication, and root out what threatens success. Transform "I can't wait to leave" into "I'm excited to be a part of this team."

Key math vocabulary and concepts for young children explained simply in this friendly and informative reference book. Clear, accessible pictures and diagrams support this first introduction to numbers, calculating, measuring, geometry, and data-collecting, making basic math skills easier to understand. Packed with key terms and useful tips to help remember as well as practical

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examples of math in daily life, Visual Guide to Math is ideal even for reluctant kids. Place value, number bonds, multiplication tables, and fractions are just a few of the math concepts explained and reinforced in a variety of ways for children with different learning styles. Covering everything a young child needs to know, this unique reference book follows the curriculum and provides a strong foundation for math skills through the rest of the school years. A perfect homework help to support children as they take their first steps in math and build confidence.

This book presents all the publicly available questions from the PISA surveys. Some of these questions were used in the PISA 2000, 2003 and 2006 surveys and others were used in developing and trying out the assessment.

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