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## **Social Science Research** - Anol Bhattacharjee 2012-04-01

This book is designed to introduce doctoral and graduate students to the process of conducting scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioral research, and can serve as a stand-alone text or as a supplement to research readings in any doctoral seminar or research methods class. This book is currently used as a research text at universities on six continents and will shortly be available in nine different languages.

## **Bridge to Terabithia** - Katherine Paterson 2009-10-06

The 40th anniversary edition of the classic Newbery Medal-winning title by beloved author Katherine Paterson, with brand-new bonus materials including an author's note by Katherine herself and a foreword by New York Times bestselling author Kate DiCamillo. Jess Aarons has been practicing all summer so he can be the fastest runner in the fifth grade. And he almost is, until the new girl in school, Leslie Burke, outpaces him. The two become fast friends and spend most days in the woods behind Leslie's house, where they invent an enchanted land called Terabithia. One morning, Leslie goes to Terabithia without Jess and a tragedy occurs. It will take the love of his family and the strength that Leslie has given him for Jess to be able to deal with his grief. Bridge to Terabithia was also named an ALA Notable Children's Book and has become a touchstone of children's literature, as have many of Katherine Paterson's other novels, including The Great Gilly Hopkins and Jacob Have I Loved.

## **Juvenile Crime, Juvenile Justice** - Institute of Medicine 2001-06-05

Even though youth crime rates have fallen since the mid-1990s, public fear and political rhetoric over the issue have heightened. The Columbine shootings and other sensational incidents add to the furor. Often overlooked are the underlying problems of child poverty, social disadvantage, and the pitfalls inherent to adolescent decisionmaking that contribute to youth crime. From a policy standpoint, adolescent offenders are caught in the crossfire between nurturance of youth and punishment of criminals, between rehabilitation and "get tough" pronouncements. In the midst of this emotional debate, the National Research Council's Panel on Juvenile Crime steps forward with an authoritative review of the best available data and analysis. Juvenile Crime, Juvenile Justice presents recommendations for addressing the many aspects of America's youth crime problem. This timely release discusses patterns and trends in crimes by children and adolescents--trends revealed by arrest data, victim reports, and other sources; youth crime within general crime; and race and sex disparities. The book explores desistance--the probability that delinquency or criminal activities decrease with age--and evaluates different approaches to predicting future crime rates. Why do young people turn to delinquency? Juvenile Crime, Juvenile Justice presents what we know and what we urgently need to find out about contributing factors, ranging from prenatal care, differences in temperament, and family influences to the role of peer relationships, the impact of the school policies toward delinquency, and the broader influences of the neighborhood and community. Equally important, this book examines a range of solutions: Prevention and intervention efforts directed to individuals, peer groups, and families, as well as day care-, school- and community-based initiatives. Intervention within the juvenile justice system. Role of the police. Processing and detention of youth

offenders. Transferring youths to the adult judicial system. Residential placement of juveniles. The book includes background on the American juvenile court system, useful comparisons with the juvenile justice systems of other nations, and other important information for assessing this problem.

## **Clarity for Learning** - John Almarode 2018-10-24

An essential resource for student and teacher clarity With the ever-changing landscape of education, teachers and leaders often find themselves searching for clarity in a sea of standards, curriculum resources, and competing priorities. Clarity for Learning offers a simple and doable approach to developing clarity and sharing it with students through five essential components: crafting learning intentions and success criteria co-constructing learning intentions and success criteria with learners creating opportunities for students to respond effective feedback on and for learning students and teachers sharing learning and progress The book is full of examples from teachers and leaders who have shared their journey, struggles, and successes for readers to use to propel their own work forward.

## **The Principles of Scientific Management** - Frederick Winslow Taylor 1913

## **Driven by Data** - Paul Bambrick-Santoyo 2010-04-12

Offers a practical guide for improving schools dramatically that will enable all students from all backgrounds to achieve at high levels. Includes assessment forms, an index, and a DVD.

## **How People Learn** - National Research Council 2000-08-11

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do-with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

## *The Book Thief* - Markus Zusak 2007-12-18

#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.

**Psychological Testing in the Service of Disability Determination** - Institute of Medicine 2015-06-29  
The United States Social Security Administration (SSA) administers two disability programs: Social Security Disability Insurance (SSDI), for disabled individuals, and their dependent family members, who have worked and contributed to the Social Security trust funds, and Supplemental Security Income (SSSI), which is a means-tested program based on income and financial assets for adults aged 65 years or older and disabled adults and children. Both programs require that claimants have a disability and meet specific medical criteria in order to qualify for benefits. SSA establishes the presence of a medically-determined impairment in individuals with mental disorders other than intellectual disability through the use of standard diagnostic criteria, which include symptoms and signs. These impairments are established largely on reports of signs and symptoms of impairment and functional limitation. Psychological Testing in the Service of Disability Determination considers the use of psychological tests in evaluating disability claims submitted to the SSA. This report critically reviews selected psychological tests, including symptom validity tests, that could contribute to SSA disability determinations. The report discusses the possible uses of such tests and their contribution to disability determinations. Psychological Testing in the Service of Disability Determination discusses testing norms, qualifications for administration of tests, administration of tests, and reporting results. The recommendations of this report will help SSA improve the consistency and accuracy of disability determination in certain cases.

**The Boy in the Striped Pajamas** - John Boyne 2008-12-18

Two young boys encounter the best and worst of humanity during the Holocaust in this powerful read that USA Today called "as memorable an introduction to the subject as *The Diary of Anne Frank*." Berlin, 1942: When Bruno returns home from school one day, he discovers that his belongings are being packed in crates. His father has received a promotion and the family must move to a new house far, far away, where there is no one to play with and nothing to do. A tall fence stretches as far as the eye can see and cuts him off from the strange people in the distance. But Bruno longs to be an explorer and decides that there must be more to this desolate new place than meets the eye. While exploring his new environment, he meets another boy whose life and circumstances are very different from his own, and their meeting results in a friendship that has devastating consequences.

**Communities in Action** - National Academies of Sciences, Engineering, and Medicine 2017-04-27

In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. *Communities in Action: Pathways to Health Equity* seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and

structural barriers that need to be overcome.

**Unbroken** - Laura Hillenbrand 2014-07-29

#1 NEW YORK TIMES BESTSELLER • NOW A MAJOR MOTION PICTURE • Look for special features inside. Join the Random House Reader's Circle for author chats and more. In boyhood, Louis Zamperini was an incorrigible delinquent. As a teenager, he channeled his defiance into running, discovering a prodigious talent that had carried him to the Berlin Olympics. But when World War II began, the athlete became an airman, embarking on a journey that led to a doomed flight on a May afternoon in 1943. When his Army Air Forces bomber crashed into the Pacific Ocean, against all odds, Zamperini survived, adrift on a foundering life raft. Ahead of Zamperini lay thousands of miles of open ocean, leaping sharks, thirst and starvation, enemy aircraft, and, beyond, a trial even greater. Driven to the limits of endurance, Zamperini would answer desperation with ingenuity; suffering with hope, resolve, and humor; brutality with rebellion. His fate, whether triumph or tragedy, would be suspended on the fraying wire of his will. Appearing in paperback for the first time—with twenty arresting new photos and an extensive Q&A with the author—*Unbroken* is an unforgettable testament to the resilience of the human mind, body, and spirit, brought vividly to life by Seabiscuit author Laura Hillenbrand. Hailed as the top nonfiction book of the year by Time magazine • Winner of the Los Angeles Times Book Prize for biography and the Indies Choice Adult Nonfiction Book of the Year award "Extraordinarily moving . . . a powerfully drawn survival epic."—The Wall Street Journal "[A] one-in-a-billion story . . . designed to wrench from self-respecting critics all the blurbly adjectives we normally try to avoid: It is amazing, unforgettable, gripping, harrowing, chilling, and inspiring."—New York "Staggering . . . mesmerizing . . . Hillenbrand's writing is so ferociously cinematic, the events she describes so incredible, you don't dare take your eyes off the page."—People "A meticulous, soaring and beautifully written account of an extraordinary life."—The Washington Post "Ambitious and powerful . . . a startling narrative and an inspirational book."—The New York Times Book Review "Magnificent . . . incredible . . . [Hillenbrand] has crafted another masterful blend of sports, history and overcoming terrific odds; this is biography taken to the nth degree, a chronicle of a remarkable life lived through extraordinary times."—The Dallas Morning News "An astonishing testament to the superhuman power of tenacity."—Entertainment Weekly "A tale of triumph and redemption . . . astonishingly detailed."—O: The Oprah Magazine "[A] masterfully told true story . . . nothing less than a marvel."—Washingtonian "[Hillenbrand tells this] story with cool elegance but at a thrilling sprinter's pace."—Time "Hillenbrand [is] one of our best writers of narrative history. You don't have to be a sports fan or a war-history buff to devour this book—you just have to love great storytelling."—Rebecca Skloot, author of *The Immortal Life of Henrietta Lacks*

**The Book of R** - Tilman M. Davies 2016-07-16

The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: -The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops -Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R -How to access R's thousands of functions, libraries, and data sets -How to draw valid and useful conclusions from your data -How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

**KALLIS' Redesigned SAT Pattern Strategy + 6 Full Length Practice Tests (College SAT Prep 2016 + Study Guide Book for the New SAT)** - KALLIS 2015-11-20

"6 full practice tests. Over 1,000 practice questions. 101 question topics. Detailed answers and

explanations"--Cover.

[A Mind for Numbers](#) - Barbara A. Oakley 2014-07-31

An engineering professor who started out doing poorly in mathematical and technical subjects in school offers tools, tips and techniques to learning the creative and analytical thought processes that will lead to achievement in math and science. Original.

**California Go Math!** - 2015

**California Go Math!** - Juli K. Dixon 2015

**Knowing What Students Know** - National Research Council 2001-10-27

Education is a hot topic. From the stage of presidential debates to tonight's dinner table, it is an issue that most Americans are deeply concerned about. While there are many strategies for improving the educational process, we need a way to find out what works and what doesn't work as well. Educational assessment seeks to determine just how well students are learning and is an integral part of our quest for improved education. The nation is pinning greater expectations on educational assessment than ever before. We look to these assessment tools when documenting whether students and institutions are truly meeting education goals. But we must stop and ask a crucial question: What kind of assessment is most effective? At a time when traditional testing is subject to increasing criticism, research suggests that new, exciting approaches to assessment may be on the horizon. Advances in the sciences of how people learn and how to measure such learning offer the hope of developing new kinds of assessments—assessments that help students succeed in school by making as clear as possible the nature of their accomplishments and the progress of their learning. Knowing What Students Know essentially explains how expanding knowledge in the scientific fields of human learning and educational measurement can form the foundations of an improved approach to assessment. These advances suggest ways that the targets of assessment—what students know and how well they know it—as well as the methods used to make inferences about student learning can be made more valid and instructionally useful. Principles for designing and using these new kinds of assessments are presented, and examples are used to illustrate the principles. Implications for policy, practice, and research are also explored. With the promise of a productive research-based approach to assessment of student learning, Knowing What Students Know will be important to education administrators, assessment designers, teachers and teacher educators, and education advocates.

*The Contender* - Robert Lipsyte 2010-01-26

The breakthrough modern sports novel *The Contender* shows readers the true meaning of being a hero. This acclaimed novel by celebrated sportswriter Robert Lipsyte, the recipient of the Margaret A. Edwards Award for lifetime achievement in YA fiction, is the story of a young boxer in Harlem who overcomes hardships and finds hope in the ring on his path to becoming a contender. Alfred Brooks is scared. He's a high-school dropout, and his grocery store job is leading nowhere. His best friend is sinking further and further into drug addiction. Some street kids are after him for something he didn't even do. So Alfred begins going to Donatelli's Gym, a boxing club in Harlem that has trained champions. There he learns it's the effort, not the win, that makes the boxer—that before you can be a champion, you have to be a contender. ALA Best of the Best Books for Young Adults \* ALA Notable Children's Book \* New York Public Library Books for the Teen Age

**Go Math!** - Houghton Mifflin Harcourt Publishing Company 2015

**Naked Statistics: Stripping the Dread from the Data** - Charles Wheelan 2013-01-07

"Brilliant, funny . . . the best math teacher you never had."—San Francisco Chronicle Once considered tedious, the field of statistics is rapidly evolving into a discipline Hal Varian, chief economist at Google, has actually called "sexy." From batting averages and political polls to game shows and medical research, the real-world application of statistics continues to grow by leaps and bounds. How can we catch schools that cheat on standardized tests? How does Netflix know which movies you'll like? What is causing the rising incidence of autism? As best-selling author Charles Wheelan shows us in *Naked Statistics*, the right data and a few well-chosen statistical tools can help us answer these questions and more. For those who slept

through Stats 101, this book is a lifesaver. Wheelan strips away the arcane and technical details and focuses on the underlying intuition that drives statistical analysis. He clarifies key concepts such as inference, correlation, and regression analysis, reveals how biased or careless parties can manipulate or misrepresent data, and shows us how brilliant and creative researchers are exploiting the valuable data from natural experiments to tackle thorny questions. And in Wheelan's trademark style, there's not a dull page in sight. You'll encounter clever Schlitz Beer marketers leveraging basic probability, an International Sausage Festival illuminating the tenets of the central limit theorem, and a head-scratching choice from the famous game show *Let's Make a Deal*—and you'll come away with insights each time. With the wit, accessibility, and sheer fun that turned *Naked Economics* into a bestseller, Wheelan defies the odds yet again by bringing another essential, formerly unglamorous discipline to life.

[The McGraw Hill 36 Hour Six Sigma Course](#) - Greg Brue 2004-07-22

Learn the essentials of Six Sigma in just 36 hours The McGraw-Hill 36-Hour Six Sigma Course provides you with the knowledge you need to understand, implement, and manage a Six Sigma program. This detailed yet accessible guide explores 10 essential Six Sigma tools for manufacturing along with other core components of a Six Sigma program.

**Classroom Assessment and the National Science Education Standards** - National Research Council 2001-08-12

The National Science Education Standards address not only what students should learn about science but also how their learning should be assessed. How do we know what they know? This accompanying volume to the Standards focuses on a key kind of assessment: the evaluation that occurs regularly in the classroom, by the teacher and his or her students as interacting participants. As students conduct experiments, for example, the teacher circulates around the room and asks individuals about their findings, using the feedback to adjust lessons plans and take other actions to boost learning. Focusing on the teacher as the primary player in assessment, the book offers assessment guidelines and explores how they can be adapted to the individual classroom. It features examples, definitions, illustrative vignettes, and practical suggestions to help teachers obtain the greatest benefit from this daily evaluation and tailoring process. The volume discusses how classroom assessment differs from conventional testing and grading—and how it fits into the larger, comprehensive assessment system.

**Questions and Answers to Help You Pass the Real Estate Exam** - John W. Reilly 2000

"There is no question about it... QUESTIONS & ANSWERS is one of the most trusted and recommended exam prep tools available. Why? Because it's designed to help you pass any national licensing exam, including ASI, AMP, PSI, Experior, and state-designed exams, on the first try. Here are some other reasons why QUESTIONS & ANSWERS is so effective: Over 1,800 practice questions with answers fully explained. Expanded chapter overviews discuss the key concepts of each chapter. Key words defined at the beginning of each chapter help you master each exam subject area. Speed questions highlighted throughout the text cover the essential points in a chapter for those who want a quick review. Broker-level questions identified throughout the text distinguish higher-level questions from basic-level and intermediate-level questions. False friends feature identifies seemingly similar terms that are often confused with each other. Special sections containing real estate math questions, sample salesperson and broker final exams, and review exams."--BOOK COVER.

*Slaughterhouse-Five* - Kurt Vonnegut 1999-01-12

Kurt Vonnegut's masterpiece, *Slaughterhouse-Five* is "a desperate, painfully honest attempt to confront the monstrous crimes of the twentieth century" (Time). Selected by the Modern Library as one of the 100 best novels of all time *Slaughterhouse-Five*, an American classic, is one of the world's great antiwar books. Centering on the infamous World War II firebombing of Dresden, the novel is the result of what Kurt Vonnegut described as a twenty-three-year struggle to write a book about what he had witnessed as an American prisoner of war. It combines historical fiction, science fiction, autobiography, and satire in an account of the life of Billy Pilgrim, a barber's son turned draftee turned optometrist turned alien abductee. As Vonnegut had, Billy experiences the destruction of Dresden as a POW. Unlike Vonnegut, he experiences time travel, or coming "unstuck in time." An instant bestseller, *Slaughterhouse-Five* made Kurt Vonnegut a cult hero in American literature, a reputation that only strengthened over time, despite his being banned

and censored by some libraries and schools for content and language. But it was precisely those elements of Vonnegut's writing—the political edginess, the genre-bending inventiveness, the frank violence, the transgressive wit—that have inspired generations of readers not just to look differently at the world around them but to find the confidence to say something about it. Authors as wide-ranging as Norman Mailer, John Irving, Michael Crichton, Tim O'Brien, Margaret Atwood, Elizabeth Strout, David Sedaris, Jennifer Egan, and J. K. Rowling have all found inspiration in Vonnegut's words. Jonathan Safran Foer has described Vonnegut as "the kind of writer who made people—young people especially—want to write." George Saunders has declared Vonnegut to be "the great, urgent, passionate American writer of our century, who offers us . . . a model of the kind of compassionate thinking that might yet save us from ourselves." More than fifty years after its initial publication at the height of the Vietnam War, Vonnegut's portrayal of political disillusionment, PTSD, and postwar anxiety feels as relevant, darkly humorous, and profoundly affecting as ever, an enduring beacon through our own era's uncertainties.

*Progress in Mathematics* - Rose A. McDonnell 2006

*Give Me Liberty! An American History* - Eric Foner 2016-09-15

Give Me Liberty! is the #1 book in the U.S. history survey course because it works in the classroom. A single-author text by a leader in the field, Give Me Liberty! delivers an authoritative, accessible, concise, and integrated American history. Updated with powerful new scholarship on borderlands and the West, the Fifth Edition brings new interactive History Skills Tutorials and Norton InQuizitive for History, the award-winning adaptive quizzing tool.

**Go Math Grade 6** - Juli K. Dixon 2010-04

### **Evaluating and Improving Undergraduate Teaching in Science, Technology, Engineering, and Mathematics** - National Research Council 2003-01-19

Economic, academic, and social forces are causing undergraduate schools to start a fresh examination of teaching effectiveness. Administrators face the complex task of developing equitable, predictable ways to evaluate, encourage, and reward good teaching in science, math, engineering, and technology. Evaluating, and Improving Undergraduate Teaching in Science, Technology, Engineering, and Mathematics offers a vision for systematic evaluation of teaching practices and academic programs, with recommendations to the various stakeholders in higher education about how to achieve change. What is good undergraduate teaching? This book discusses how to evaluate undergraduate teaching of science, mathematics, engineering, and technology and what characterizes effective teaching in these fields. Why has it been difficult for colleges and universities to address the question of teaching effectiveness? The committee explores the implications of differences between the research and teaching cultures—and how practices in rewarding researchers could be transferred to the teaching enterprise. How should administrators approach the evaluation of individual faculty members? And how should evaluation results be used? The committee discusses methodologies, offers practical guidelines, and points out pitfalls. Evaluating, and Improving Undergraduate Teaching in Science, Technology, Engineering, and Mathematics provides a blueprint for institutions ready to build effective evaluation programs for teaching in science fields.

*Strengthening Forensic Science in the United States* - National Research Council 2009-07-29

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and

organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

*Their Eyes Were Watching God* - Zora Neale Hurston 2021-11-18

One of the most important and enduring books of the twentieth century, *Their Eyes Were Watching God* brings to life a Southern love story with the wit and pathos found only in the writing of Zora Neale Hurston. Out of print for almost thirty years—due largely to initial audiences' rejection of its strong black female protagonist—Hurston's classic has since its 1978 reissue become perhaps the most widely read and highly acclaimed novel in the canon of African-American literature.

*Go Math!* - 2015

**Across Five Aprils** - Irene Hunt 2002-01-08

The Newbery Award-winning author of *Up a Road Slowly* presents the unforgettable story of Jethro Creighton—a brave boy who comes of age during the turbulent years of the Civil War. In 1861, America is on the cusp of war, and young Jethro Creighton is just nine-years-old. His brother, Tom, and his cousin, Eb, are both of fighting age. As Jethro's family is pulled into the conflict between the North and the South, loyalties are divided, dreams are threatened, and their bonds are put to the test in this heart-wrenching, coming of age story. "Drawing from family records and from stories told by her grandfather, the author has, in an uncommonly fine narrative, created living characters and vividly reconstructed a crucial period of history."—Booklist

*The Other Wes Moore* - Wes Moore 2011-01-11

NEW YORK TIMES BESTSELLER • The "compassionate" (People), "startling" (Baltimore Sun), "moving" (Chicago Tribune) true story of two kids with the same name from the city: One went on to be a Rhodes Scholar, decorated combat veteran, White House Fellow, and business leader. The other is serving a life sentence in prison. In development as a feature film executive produced by Stephen Curry, who selected the book as his "Underrated" Book Club Pick with Literati The chilling truth is that his story could have been mine. The tragedy is that my story could have been his. In December 2000, the Baltimore Sun ran a small piece about Wes Moore, a local student who had just received a Rhodes Scholarship. The same paper also ran a series of articles about four young men who had allegedly killed a police officer in a spectacularly botched armed robbery. The police were still hunting for two of the suspects who had gone on the lam, a pair of brothers. One was named Wes Moore. Wes just couldn't shake off the unsettling coincidence, or the inkling that the two shared much more than space in the same newspaper. After following the story of the robbery, the manhunt, and the trial to its conclusion, he wrote a letter to the other Wes, now a convicted murderer serving a life sentence without the possibility of parole. His letter tentatively asked the questions that had been haunting him: Who are you? How did this happen? That letter led to a correspondence and relationship that have lasted for several years. Over dozens of letters and prison visits, Wes discovered that the other Wes had had a life not unlike his own: Both had had difficult childhoods, both were fatherless; they'd hung out on similar corners with similar crews, and both had run into trouble with the police. At each stage of their young lives they had come across similar moments of decision, yet their choices would lead them to astonishingly different destinies. Told in alternating dramatic narratives that take readers from heart-wrenching losses to moments of surprising redemption, *The Other Wes Moore* tells the story of a generation of boys trying to find their way in a hostile world.

**Science Teaching Reconsidered** - National Research Council 1997-03-12

Effective science teaching requires creativity, imagination, and innovation. In light of concerns about American science literacy, scientists and educators have struggled to teach this discipline more effectively. *Science Teaching Reconsidered* provides undergraduate science educators with a path to understanding students, accommodating their individual differences, and helping them grasp the methods—and the wonder—of science. What impact does teaching style have? How do I plan a course curriculum? How do I make lectures, classes, and laboratories more effective? How can I tell what students are thinking? Why don't they understand? This handbook provides productive approaches to these and other questions.

Written by scientists who are also educators, the handbook offers suggestions for having a greater impact in the classroom and provides resources for further research.

*Math* - McGraw-Hill 1998-07

Problems and exercises that provide practice in mastering the order of numbers from 1 through 10 and addition and subtraction of numbers with one and two digits. Includes answer key.

**My Ántonia** - Willa Cather 1918

A New York lawyer remembers his boyhood in Nebraska and his friendship with a pioneer Bohemian girl.

**The Giver** - Lois Lowry 2014

Living in a "perfect" world without social ills, a boy approaches the time when he will receive a life assignment from the Elders, but his selection leads him to a mysterious man known as the Giver, who reveals the dark secrets behind the utopian facade.

*Distance Education for Teacher Training* - Hilary Perraton 2002-03-11

First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

**Mathematics for Machine Learning** - Marc Peter Deisenroth 2020-04-23

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 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.