

# The Myth Of Ability Nurturing Mathematical Talent In Every Child John Mighton

Right here, we have countless book The Myth Of Ability Nurturing Mathematical Talent In Every Child John Mighton and collections to check out. We additionally have the funds for variant types and then type of the books to browse. The tolerable book, fiction, history, novel, scientific research, as well as various new sorts of books are readily affable here.

As this The Myth Of Ability Nurturing Mathematical Talent In Every Child John Mighton, it ends happening brute one of the favored ebook The Myth Of Ability Nurturing Mathematical Talent In Every Child John Mighton collections that we have. This is why you remain in the best website to see the unbelievable books to have.

NurtureShock Po Bronson 2009-09-03 In a world of modern, involved, caring parents, why are so many kids aggressive and cruel? Where is intelligence hidden in the brain, and why does that matter? Why do cross-racial friendships decrease in schools that are more integrated? If 98% of kids think lying is morally wrong, then why do 98% of kids lie? What's the single most important thing that helps infants learn language? NurtureShock is a groundbreaking collaboration between award-winning science journalists Po Bronson and Ashley Merryman. They argue that when it comes to children, we've mistaken good intentions for good ideas. With impeccable storytelling and razor-sharp analysis, they demonstrate that many of modern society's strategies for nurturing children are in fact backfiring--because key twists in the science have been overlooked. Nothing like a parenting manual, the authors' work is an insightful exploration of themes and issues that transcend children's (and adults') lives.

Socialist Optimism Paul Auerbach 2016-04-08 Paul Auerbach's Socialist Optimism offers an alternative political economy for the twenty-first century. Present-day capitalism has generated growing inequality of income and wealth, persistent high levels of unemployment and ever-diminishing prospects for young people. But in the absence of a positive vision of how society and the economy might develop in the future, the present trajectory of capitalism will never be derailed, no matter how acute the critique of present-day developments. The detailed blueprint presented here focuses upon the education and upbringing of children in the context of social equality and household security. It yields a well-defined path to human development and liberation, as well as democratic control of working life and public affairs. Socialism as human development gives a unity and direction to progressive policies that are otherwise seen to be a form of pragmatic tinkering in the context of a pervasive capitalist reality.

Jump Math CC Teacher Resource K John Mighton 2016-07-15

[Jump Math CC AP Book K. 1](#) John Mighton 2016-07-15

The Hockey Method BOB DE LA SALLE 2014-02-27 Expectations are too high for beginners in hockey. Beginners are simply not ready for team play and systems. What is missing is a transition phase from the first time a player puts on a pair of skates to that first hockey game. The Hockey Method is a methodology to fill in this missing link or gap in hockey development. It identifies skill levels that can be grading to track player proficiency. The Hockey Method consists of two parts; Book 1 Beginner Skating and Book 2 Beginner Puck Control. These two parts present 31 skill concepts that are so simple and easy to learn that you dont need to be a coach to teach them. What is really needed, for first timers, is one-on-one direction and instruction. Coaches or parents can do it but parents are a better choice to instruct beginners because they have the time and vested interest to dedicate the 1 on 1 instruction needed by beginners at this early age. The basic idea is to build confidence by learning to walk before you run, run before you glide, and to be able to turn the toes in and out before you are able to use edges.

Social Entrepreneurship David Bornstein 2010-04-16 In a book presented in a Q-and-A format, the authors explain what social entrepreneurs are, how their organizations function, what challenges they face and how readers can get involved in the efforts that social entrepreneurs are spearheading. Cowritten by the author of How to Change the World. Original.

Loving and Hating Mathematics Reuben Hersh 2010-12-13 Mathematics is often thought of as the coldest expression of pure reason. But few subjects provoke hotter emotions--and inspire more love and hatred--than mathematics. And although math is frequently idealized as floating above the messiness of human life, its story is nothing if not human; often, it is all too human. Loving and Hating Mathematics is about the hidden human, emotional, and social forces that shape mathematics and affect the experiences of students and mathematicians. Written in a lively, accessible style, and filled with gripping stories and anecdotes, Loving and Hating Mathematics brings home the intense pleasures and pains of mathematical life. These stories challenge many myths, including the notions that mathematics is a solitary pursuit and a "young man's game," the belief that mathematicians are emotionally different from other people, and even the idea that to be a great mathematician it helps to be a little bit crazy. Reuben Hersh and Vera John-

Steiner tell stories of lives in math from their very beginnings through old age, including accounts of teaching and mentoring, friendships and rivalries, love affairs and marriages, and the experiences of women and minorities in a field that has traditionally been unfriendly to both. Included here are also stories of people for whom mathematics has been an immense solace during times of crisis, war, and even imprisonment--as well as of those rare individuals driven to insanity and even murder by an obsession with math. This is a book for anyone who wants to understand why the most rational of human endeavors is at the same time one of the most emotional.

Mathematics Education for a New Era Keith Devlin 2011-02-25 Stanford mathematician and NPR Math Guy Keith Devlin explains why, fun aside, video games are the ideal medium to teach middle-school math. Aimed primarily at teachers and education researchers, but also of interest to game developers who want to produce videogames for mathematics education, *Mathematics Education for a New Era: Video Games as a Medium for Learning* describes exactly what is involved in designing and producing successful math educational videogames that foster the innovative mathematical thinking skills necessary for success in a global economy. Read the author's monthly MAA column *Devlin's Angle*

*Hothouse Kids* Alissa Quart 2007 An investigation into the pressures placed on today's gifted children evaluates the long-term consequences of high demands and competitiveness, revealing the truth about current practices in IQ testing, the pitfalls of the No Child Left Behind Act, and the downside of popular practices in over-scheduling. By the author of *Branded*. Reprint.

*Delusions of Gender: How Our Minds, Society, and Neurosexism Create Difference* Cordelia Fine 2011-08-08 Using findings from the latest information in developmental psychology, neuroscience and education, this book debunks the assumed differences between male and female brain function and reveals the brain's remarkable plasticity and the influence of culture on identity. Reprint.

*All Things Being Equal* J. A. Monteleone 2002-12-12

*The End of Ignorance* John Mighton 2011-06-01 A revolutionary call for a new understanding of how people learn. *The End of Ignorance* conceives of a world in which no child is left behind – a world based on the assumption that each child has the potential to be successful in every subject. John Mighton argues that by recognizing the barriers that we have experienced in our own educational development, by identifying the moment that we became disenchanted with a certain subject and forever closed ourselves off to it, we will be able to eliminate these same barriers from standing in the way of our children. A passionate examination of our present education system, *The End of Ignorance* shows how we all can work together to reinvent the way that we are taught. John Mighton, the author of *The Myth of Ability*, is the founder of JUMP Math, a system of learning based on the fostering of emergent intelligence. The program has proved so successful an entire class of Grade 3 students, including so-called slow learners, scored over 90% on a Grade 6 math test. A group of British children who had effectively been written off as too unruly responded so enthusiastically and had such impressive results using the JUMP method that the school board has adopted the program. Inspired by the work he has done with thousands of students, Mighton shows us why we must not underestimate how much ground can be covered one small step at a time, and challenges us to re-examine the assumptions underlying current educational theory. He pays attention to how kids pay attention, chronicles what captures their imaginations, and explains why their sense of self-confidence and ability to focus are as important to their academic success at school as the content of their lessons.

*Half Life* John Mighton 2005 "Two nursing home residents, both in their 80s, meet and fall in love, rekindling what might have been a wartime romance. Had they previously met somewhere else under different circumstances? Why is their love so troubling for their children? Indeed, the light at dusk is sometimes warmer and more enveloping than that of the midday sun. Characters navigate between being and appearance, between cowardice and dissoluteness."--BOOK JACKET.

*The Extended Mind* Annie Murphy Paul 2021 A bold new book reveals how we can tap the intelligence that exists beyond our brains--in our bodies, our surroundings, and our relationships Use your head. That's what we tell ourselves when facing a tricky problem or a difficult project. But a growing body of research indicates that we've got it exactly backwards. What we need to do, says acclaimed science writer Annie Murphy Paul, is think outside the brain. A host of "extra-neural" resources--the feelings and movements of our bodies, the physical spaces in which we learn and work, and the minds of those around us-- can help us focus more intently, comprehend more deeply, and create more imaginatively. *The Extended Mind* outlines the research behind this exciting new vision of human ability, exploring the findings of neuroscientists, cognitive scientists, psychologists, and examining the practices of educators, managers, and leaders who are already reaping the benefits of thinking outside the brain. She excavates the untold history of how artists, scientists, and authors--from Jackson Pollock to Jonas Salk to Robert Caro--have used mental extensions to solve problems, make discoveries, and create new works. In the tradition of Howard Gardner's *Frames of Mind* or Daniel Goleman's *Emotional Intelligence*, *The Extended Mind* offers a dramatic new view of how our minds work, full of practical advice on how we can all think better.

*Slack* Tom DeMarco 2002 Argues that the "lean and mean" corporate model of workaholicism and downsizing is proving counterproductive, explaining how companies can implement downtime, promote flexibility, and foster creativity as part of realizing increased revenues. Reprint.

JUMP Math 3. 1 John Mighton 2009-09-01 Jump math was founded in the belief that all children, even those who have traditionally struggled at school, can learn mathematics.

The JUMP Math student assessment & practice books are meant to be used in conjunction with the extensive teacher resources to enable students to practice and explore subtle

variations on the lessons and to enable teachers to rapidly assess progress. For each lesson, there is a clear and highly effective lesson plan, which enables teachers to accomplish the seemingly impossible task of teaching to the whole class while tailoring to individual needs. Each lesson is carefully designed to generate deep, subtle, transferable mastery of key concepts. Lesson plans include ideas for contextualizing the math, questions and tasks that allow students to discover mathematical concepts, games, activities, and innovative extension questions that keep "fast" students engaged and learning while teachers help others to master the key objectives.

**Democracy and Education** John Dewey 1916 John Dewey's *Democracy and Education* addresses the challenge of providing quality public education in a democratic society. In this classic work Dewey calls for the complete renewal of public education, arguing for the fusion of vocational and contemplative studies in education and for the necessity of universal education for the advancement of self and society. First published in 1916, *Democracy and Education* is regarded as the seminal work on public education by one of the most important scholars of the century.

**The Little Book of Talent** Daniel Coyle 2012 Presents weekly rules for developing inherent abilities, drawing on cutting-edge science and insights by international trainers in a variety of disciplines to outline techniques that tap the brain's natural programming.

**Testimonios: Stories of Latinx and Hispanic Mathematicians** Pamela E. Harris 2021-08-16 *Testimonios* brings together first-person narratives from the vibrant, diverse, and complex Latinx and Hispanic mathematical community. Starting with childhood and family, the authors recount their own individual stories, highlighting their upbringing, education, and career paths. Their particular stories, told in their own voices, from their own perspectives, give visibility to some of the experiences of Latinx/Hispanic mathematicians. *Testimonios* seeks to inspire the next generation of Latinx and Hispanic mathematicians by featuring the stories of people like them, holding a mirror up to our own community. It also aims to provide a window for mathematicians (and aspiring mathematicians) from all ethnicities, with the hope of inspiring a better understanding of the diversity of the mathematical community.

**A Short History of Night** John Mighton 2006 Confirms Mighton's status as an intellectually absorbing writer --Toronto Star

**Research On and Activities For Mathematically Gifted Students** Florence Mihaela Singer 2016-06-13 This open access Topical Survey offers a brief overview of the current state of research on and activities for mathematically gifted students around the world. This is of interest to a broad readership, including educational researchers, research mathematicians, mathematics teachers, teacher educators, curriculum designers, doctoral students, and other stakeholders. It first discusses research concerning the nature of mathematical giftedness, including theoretical frameworks and methodologies that are helpful in identifying and/or creating mathematically gifted students, which is described in this section. It also focuses on research on and the development of mathematical talent and innovation in students, including connections between cognitive, social and affective aspects of mathematically gifted students. Exemplary teaching and learning practices, curricula and a variety of programs that contribute to the development of mathematical talent, gifts, and passion are described as well as the pedagogy and mathematics content suitable for educating pre-service and in-service teachers of mathematically gifted students. The final section provides a brief summary of the paper along with suggestions for the research, activities, and resources that should be available to support mathematically gifted students and their teachers, parents, and other stakeholders.

**The Social and Emotional Development of Gifted Children** Maureen Neihart 2021-10-08 *The Social and Emotional Development of Gifted Children* remains the only book that provides a comprehensive summary of the empirical research on the social and emotional development of gifted children by leading authorities in the field. It includes several features that make it the leading text on what we know about the social and emotional development of gifted children. For example, it summarizes the most significant findings from the empirical research on the topic. It also includes noteworthy variations that have been observed across cultural groups or global contexts. Each chapter also provides a short description of the practical applications that can be made from the research. This second edition includes an entirely new section on the psychosocial aspects of talent development, as well as addresses the burgeoning interest and research base regarding gifted performance. The text also includes several new topics that have emerged from the research in the past decade, such as the neuroscience of talent development and motivation for talent development. This book is a service publication of the National Association for Gifted Children.

**Counting & Number Bonds** Denise Gaskins 2015-04-20 Prepare your child for math success — by playing games! You'll love these math games because they give your child a sturdy foundation for understanding mathematics. Young children play with counting and number recognition. Older students explore place value, build number sense, and begin learning the basics of addition. *Counting & Number Bonds* features 21 kid-tested games, offering a variety of challenges for preschool and early-elementary learners. Chapters include: • **Early Counting:** Practice subitizing — recognizing small numbers of items at a glance — and learn the number symbols. • **Childhood Classics:** Traditional folk games invite the whole family to enjoy playing with math. • **Number Bonds:** Build a mental picture of the relationships between numbers as you begin to explore addition. • **Bigger Numbers:** Develop familiarity with two-digit numbers and promote strategic thinking skills. Math games prevent math anxiety. Games pump up your child's mental muscle, reduce the fear of failure, and generate a positive attitude toward mathematics. Parents can use these games to enjoy quality time with your children. Classroom teachers like them as warm-ups and learning center activities or for a relaxing review day at the end of a term. If you are a tutor or homeschooler, make games a regular feature in your lesson plans to

build your students' math skills. So what are you waiting for? Clear off a table, grab a deck of cards, and let's play some math!

Jump Math 6.1 John Mighton 2009-09-01 Jump math was founded in the belief that all children, even those who have traditionally struggled at school, can learn mathematics. The JUMP Math student assessment & practice books are meant to be used in conjunction with the extensive teacher resources to enable students to practice and explore subtle variations on the lessons and to enable teachers to rapidly assess progress. For each lesson, there is a clear and highly effective lesson plan, which enables teachers to accomplish the seemingly impossible task of teaching to the whole class while tailoring to individual needs. Each lesson is carefully designed to generate deep, subtle, transferable mastery of key concepts. Lesson plans include ideas for contextualizing the math, questions and tasks that allow students to discover mathematical concepts, games, activities, and innovative extension questions that keep "fast" students engaged and learning while teachers help others to master the key objectives.

Leadership of Assessment, Inclusion, and Learning Shelleyann Scott 2015-10-20 This book provides pragmatic strategies and models for student assessment and ameliorates the heightened sense of confusion that too many educators and leaders experience around the complexities associated with assessment. In particular, it offers guidance to school and district personnel charged with fair and appropriate assessment of students who represent a wide variety of abilities and cultures. Chapters focus on issues that directly impact the educational lives of teachers, students, parents, and caregivers. Importantly, the confluence of assessment practices and community expectations also are highlighted.

Assessment is highly politicised in contemporary society and this book will both confirm and challenge readers' beliefs and practices. Indeed, discerning readers will understand that the chapters offer them a bridge from many established assessment paradigms to pragmatic, ethical solutions that align with current expectations for schools and districts. In Part One, readers engage with concepts and skills needed by school learning leaders to guide optimal assessment practices. Part Two delves into student assessment within and across disciplines. Part Three provides pragmatic approaches that address assessment in the context of inclusive intercultural education, pluralism, and globalisation.

The Myth of Ability John Mighton 2009-05-26 For decades teachers and parents have accepted the judgment that some students just aren't good at math. John Mighton—the founder of a revolutionary math program designed to help failing math students—feels that not only is this wrong, but that it has become a self-fulfilling prophecy. A pioneering educator, Mighton realized several years ago that children were failing math because they had come to believe they were not good at it. Once students lost confidence in their math skills and fell behind, it was very difficult for them to catch up, particularly in the classroom. He knew this from experience, because he had once failed math himself. Using the premise that anyone can learn math and anyone can teach it, Mighton's unique teaching method isolates and describes concepts so clearly that students of all skill levels can understand them. Rather than fearing failure, students learn from and build on their own successes and gain the confidence and self-esteem they need to be inspired to learn. Mighton's methods, set forth in *The Myth of Ability* and implemented in hundreds of Canadian schools, have had astonishing results: Not only have they helped children overcome their fear of math, but the resulting confidence has led to improved reading and motor skills as well. *The Myth of Ability* will transform the way teachers and parents look at the teaching of mathematics and, by extension, the entire process of education.

Full Potential: Daoist Wisdom Meets Western Psychology Livia Kohn 2019 "Blending modern psychology and Daoist wisdom into a recipe for the fully actualized child, this book shows how human beings form an integral part of nature and the greater universe. Partaking in Dao to the fullest, they can experience a sense of well-being, inner harmony, and overarching excellence. Ancient Chinese texts describe this realization of our full potential in terms of free and easy wandering or skillful spontaneity. Western psychologists similarly speak of personal fulfillment in work and play. Most important among them are Mihalyi Csikszentmihalyi with his concept of flow, Martin Seligman with his studies of authentic happiness, and Howard Gardner with his system of multiple intelligences. Activated differently in the brain, subject to both genes and training, these psychological dimensions become apparent in different stages of childhood development and are enhanced by optimal learning conditions, manifold forms of play, and conscientious parenting—leading to the realization of full potential and attainment of Daoist harmony. This book offers a unique presentation: none other pulls the same level of information together, let alone present it in such a vibrant and engaging way!"--

Math You Can Play Combo Denise Gaskins 2015-08-19 *Math Your Kids WANT to Do*. You'll love these math games because they give your child a strong foundation for mathematical success. By playing these games, you strengthen your child's intuitive understanding of numbers and build problem-solving strategies. Mastering a math game can be hard work. But kids do it willingly because it's fun. *Math You Can Play Combo* features two books in one, with 42 kid-tested games that offer a variety of challenges for preschool and school-age learners. Chapters include: • **Early Counting:** Practice subitizing — recognizing small numbers of items at a glance—and learn the number symbols. • **Childhood Classics:** Traditional folk games invite the whole family to enjoy playing with math. • **Number Bonds:** Build a mental picture of the relationships between numbers as you begin to explore addition. • **Numbers to One Hundred:** Develop mental math skills for working with larger numbers. Practice using place value, addition, and subtraction. • **Mixed Operations:** Give mental muscles a workout with games that require number skills and logical thinking. • **Logic and Probability:** Logic games sharpen inductive and deductive thinking skills, while games of chance build an intuition for probability. Math games prevent math anxiety. Games pump up your child's mental muscle, reduce the fear of failure, and generate a positive attitude toward mathematics. Parents can use these games to enjoy quality time with your children. Classroom teachers like them as warm-ups and learning center activities or for a relaxing review day at the end of a term. If you are a tutor or homeschooler, make games a regular feature in your lesson plans to build your

students' math skills. So what are you waiting for? Clear off a table, grab a deck of cards, and let's play some math!

Uscolia Gabriel Lanyi 2016-12-25

The Imagination in Education Sean Blenkinsop 2009-01-14 This collection of essays from scholars in eleven countries, centres upon the theory and practice of the use of imagination in education. By bringing together studies covering a wide range of subject matter we trust that the reader will have the opportunity to appreciate both the diversity within the field and the significance of the topics discussed. We hope too that readers will find connections to their own areas of study. The 13 essays present distinct yet converging points of view, whether it be a discussion of the imagination as a virtue, the use of imagination as a means to improve aboriginal education in Northern Canada, or the description of a museum in Brazil in which the imagination of the child is central to the project. Separately, each of the papers identifies and explores a distinct aspect of Imaginative Education; together, they begin to define the breadth and richness of the field. These essays have been selected from papers presented over a period of several years to research symposiums in imagination and education held every summer in Vancouver, Canada under the auspices of the Imaginative Education Research Group in the Faculty of Education at Simon Fraser University.

The Relationship of Affect and Creativity in Mathematics Scott A. Chamberlin 2021-09-03 The Relationship of Affect and Creativity in Mathematics explores the five legs of creativity—Iconoclasm, Impartiality, Investment, Intuition, and Inquisitiveness—as they relate to mathematical giftedness. This book: Discusses these affective components relevant to mathematical learning experiences. Shares how affective components impact students' creative processes and products. Shows the influence of learning facilitators, including teachers, afterschool mentors, and parents. Describes facilitating environments that may enhance the likelihood that creative process and ultimately product emerge. Utilizes the expertise of two young scholars to discuss the practical effects of affect and creativity in learning experiences. This practical, research-based book is a must-read for stakeholders in gifted education, as many advanced students are underidentified in the area of creativity in mathematics.

Creativity and Giftedness Roza Leikin 2016-08-24 This volume provides readers with a broad view on the variety of issues related to the educational research and practices in the field of Creativity in Mathematics and Mathematical Giftedness. The book explores (a) the relationship between creativity and giftedness; (b) empirical work with high ability (or gifted) students in the classroom and its implications for teaching mathematics; (c) interdisciplinary work which views creativity as a complex phenomena that cannot be understood from within the borders of disciplines, i.e., to present research and theorists from disciplines such as neuroscience and complexity theory; and (d) findings from psychology that pertain the creatively gifted students. As a whole, this volume brings together perspectives from mathematics educators, psychologists, neuroscientists, and teachers to present a collection of empirical, theoretical and philosophical works that address the complexity of mathematical creativity and giftedness, its origins, nature, nurture and ways forward. In keeping with the spirit of the series, the anthology substantially builds on previous ZDM volumes on interdisciplinarity (2009), creativity and giftedness (2013). Building Support for Scholarly Practices in Mathematics Methods Signe E. Kastberg 2017-09-01 Building Support for Scholarly Practices in Mathematics Methods is the product of collaborations among over 40 mathematics teacher educators (MTEs) who teach mathematics methods courses for prospective PreK-12 teachers in many different institutional contexts and structures. Each chapter unpacks ways in which MTEs use theoretical perspectives to inform their construction of goals, activities designed to address those goals, facilitation of activities, and ways in which MTEs make sense of experiences prospective teachers have as a result. The book is organized in seven sections that highlight how the theoretical perspective of the instructor impacts scholarly inquiry and practice. The final section provides insight as we look backward to reflect, and forward with excitement, moving with the strength of the variation we found in our stories and the feeling of solidarity that results in our understandings of purposes for and insight into teaching mathematics methods. This book can serve as a resource for MTEs as they discuss and construct scholarly practices and as they undertake scholarly inquiry as a means to systematically examine their practice.

Jump Math CC AP Book K. 2 John Mighton 2016-07-15

JUMP at Home Grade 1 John Mighton 2010-06-01 John Mighton's JUMP program is changing the way math is taught, and his powerful math workbooks give children the tools they need to master this crucial subject. The key is a step-by-step teaching method that isolates and describes concepts so clearly that anyone can understand them: students build on their successes, becoming proficient at solving problems with confidence and enthusiasm. Now, parents and caregivers can bring the JUMP program home. These workbooks follow the current student worksheets used by JUMP tutors and classroom teachers, including: an introduction for parents and caregivers that clearly explains the thinking behind the program and provides hours of activities, worksheets carefully designed to enable children to move from one success to the next, a glossary of math terms, and a selected answer key.

The Myth of Poker Talent Alexander Fitzgerald 2016-10-05 The Myth of Poker Talent is a unique book and is the culmination of renowned poker trainer Alex Fitzgerald's work with over 1000 students over a 10 year period. Alex has discovered what makes a winning poker player and here's the good news... It has nothing to do with poker talent. If you want to excel at the game you'll need to buy this book, study Alex's method and work hard – but you don't need talent. Alex's method focuses on understanding generic poker situations and not specific hands. As a highly experienced teacher, he expresses his ideas in simple, easy-to-understand language. The Myth of Poker Talent will teach you: A "model of

poker” built from scratchAn understanding of every poker toolWhy much of what experienced players think they know is actually wrong. ... and much, much more.

The Little Years John Mighton 2012 Kate possesses the makings of a gifted mathematician with an enthusiasm for exploring the mysteries of space and time. But this is the 1950s and women are routinely laughed out of scientific circles. Besides, every family has its star, and Kate’s brother already holds that distinction. Hindered by prejudices against women, Kate is confined to a life of unfulfilling jobs, leading her to become bitter and unhappy. The Little Years confronts the impact of chauvinism and explores the nature of fame, the value of art, and the passing of time.

The Genius in All of Us David Shenk 2010-03-09 Is true greatness obtainable from everyday means and everyday genes? Conventional wisdom says no, that a lucky few are simply born with certain gifts. The new science of human potential suggests otherwise. Forget everything you think you know about genes, talent, and intelligence, and take a look at the amazing new evidence. Here, interweaving cutting-edge research from numerous scientific fields, David Shenk offers a new view of human potential, giving readers more of a sense of ownership over their accomplishments, and freeing parents from the bonds of genetic determinism. As Shenk points out, our genes are not a “blueprint” that dictate individual destinies. Rather we are all the product of interplay between genes and outside stimuli—a dynamic that we can influence. It is a revolutionary and life-changing message.

Why The Brain Matters Jon Tibke 2019-02-04 Educational neuroscience is one of the most hotly debated areas of research and is often misrepresented with grand claims for what it means for teaching and learning. Is each side of the brain responsible for different types of mental activity? Can listening to Mozart improve long-term brain function? Can neuroscience help with reading, or student motivation? In this book, teacher, education consultant and researcher Jon Tibke fact-checks prevailing 'neuromyths' by shining a light on what scientific research is truly relevant for the classroom and exploring the current limits of our understanding. Evidence-informed and complemented by thought-provoking practical tasks, this book will challenge readers to think critically about the human body's most complex organ.

Jump Math Curriculum Overview John Mighton 2015-02-01