

Rock Breaks Scissors A Practical Guide To Outguessing And Outwitting Almost Everybody William Poundstone

When Duncan arrives at school one morning, he finds a stack of letters, one from each of his crayons, complaining about how he uses them.

Trying to make sense of the horrors of World War II, Death relates the story of Liesel--a young German girl whose book-stealing and story-telling talents help sustain her family and the Jewish man they are hiding, as well as their neighbors. This five-part volume surveys the main ideas and contributions to the field of public choice.

Looking for excitement, Coraline ventures through a mysterious door into a world that is similar, yet disturbingly different from her own, where she must challenge a gruesome entity in order to save herself, her parents, and the souls of three others.

The mysterious Dr. Gold has heavy-duty backing to fund a project having to do with the recording of dreams. Her three star volunteers—Jovana, a fashion model, Gilbert, a pop journalist, and Melinda, a bookstore employee—seem to have nothing in common until the experiments interlink them in unanticipated ways. Joined via their own dreams and nightmares, they begin to discover that each is critical to the very existence of the other two. Is it part of the research, just another dream, or have they crossed a line that cannot be erased? Schow's novel-length work explores just what it means to be connected in a world where commitment is fluid, and nothing is ever really what it seems to be.

Urban Physical Education targets the teaching circumstances and conditions of urban schools with innovative instructional practices and culturally diverse and contemporary activities. You'll find games and modified sports from around the world as well as sport and performance activities such as urban dances, parkour, urban golf, freestyle basketball, and fitness routines. Each of the 40 activities includes a brief description, a simplified teaching process, key instructional points, alignment with NASPE national standards, and a basic closure activity. An activity finder makes it easy to find activities to fit in your curriculum, and ready-made rubrics help you assess readiness of preservice teachers, partner and group interactions, and lesson effectiveness. Authors Clements and Rady combine their expertise and experience to help you better understand urban school environments and become a more effective leader, instructor, and mentor to the diverse students in your school. More than an activity book, Urban Physical Education identifies the common challenges facing today's urban physical education teachers and presents culturally responsive instructional practices developed by experienced teachers working in urban schools. Suggestions and tools in the book will help you

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new ways. Unfortunately, the excessive use of examples and abstract formulations with exclusive reference to algebraic language distances the student from the pleasure of the discipline. Mathematics, on the other hand, requires attention and concentration, but the understanding of its meaning gives rise to interest, pleasure to discover, and promotes deep learning. This is where studying probability from an operational approach has gained much traction. The most interesting aspect is the use of a very artisanal approach, starting with objects that students can, in part, find in their daily lives. Trying to identify objects and situations that speak of "different mathematics," embodied in everyday life, may offer more possibilities to deal with the mathematical illiteracy that seems to afflict a large part of our society. Examining an Operational Approach to Teaching Probability focuses on probability examined from an educational point of view and the implementation of a very concrete operational approach in the classroom. Two main pillars are examined within this book: concrete objects and IT tools used to perform simulations for probability teaching. Each chapter is devoted to an essential concept related to probability and covers the operational approach all the way from its historical development to types of probability studies, different teaching methods within the approach, and the theories surrounding it. This book is ideal for pre-service and in-service teachers looking for nontraditional approaches in teaching along with instructional designers, curricula developers, practitioners, researchers, academicians, and students interested in learning more about operational research and the use of objects to introduce probabilistic concepts in a new method of teaching.

"Magical Mathematics reveals the secrets of amazing, fun-to-perform card tricks--and the profound mathematical ideas behind them--that will astound even the most accomplished magician. Persi Diaconis and Ron Graham provide easy, step-by-step instructions for each trick, explaining how to set up the effect and offering tips on what to say and do while performing it. Each card trick introduces a new mathematical idea, and varying the tricks in turn takes readers to the very threshold of today's mathematical knowledge. For example, the Gilbreath principle--a fantastic effect where the cards remain in control despite being shuffled--is found to share an intimate connection with the Mandelbrot set. Other card tricks link to the mathematical secrets of combinatorics, graph theory, number theory, topology, the Riemann hypothesis, and even Fermat's last theorem. Diaconis and Graham are mathematicians as well as skilled performers with decades of professional experience between them. In this book they share a wealth of conjuring lore, including some closely guarded secrets of legendary magicians. Magical Mathematics covers the mathematics of juggling and shows how the I Ching connects to the history of probability and magic tricks both old and new. It tells the stories--and reveals the best tricks--of the eccentric and brilliant inventors of mathematical magic. Magical Mathematics exposes old gambling secrets through the mathematics of shuffling cards, explains the classic street-gambling scam of three-card monte, traces the history of mathematical magic back to the thirteenth century and the oldest mathematical trick--and much more"--Bring ancient methods of healing and magic into the modern world with this impressive book on Ozark folk magic. Providing lore, herbs, magical alignments, verbal charms, and more, folk healer Brandon Weston sheds light on the region's secretive culture and shows you how to heal both yourself and others. Ozark Folk Magic invites you to experience the hillfolk's traditional magic through the eyes of an authentic practitioner. Discover how to optimize your healing work and spells according to the moon cycles, zodiac

