

Velocity

Wile E. Coyote really wants to catch Road Runner. Watch as he experiments with speed and velocity in different ways to try and capture that bird. Will Wile E. be speedy enough? Or will he fizzle and tire out? Read inside to find out!

In his first novel, Dave Eggers has written a moving and hilarious tale of two friends who fly around the world trying to give away a lot of money and free themselves from a profound loss. It reminds us once again what an important, necessary talent Dave Eggers is.

“Without a doubt the best guide I have read to the new computer culture . . . witty and provocative . . . sane and thoughtful” (J. G. Ballard). “A lively compendium of dispatches from the far reaches of today’s computer savvy avant-garde”, *Escape Velocity* explores the dawn of the Information Age, and the high-tech subcultures that celebrated, critiqued, and gave birth to our wired world and a counterculture digital underground (The New York Times Book Review). Poised between technological rapture and social rupture, *Escape Velocity* poses the fundamental question of our time: Is technology liberating or enslaving us in the twenty-first century? Mark Dery takes us on an electrifying tour of the high-tech underground. Investigating the shadowy byways of cyberculture, we meet would-be cyborgs who believe the body is obsolete and dream of downloading their minds into computers, cyberhippies who boost their brainpower with smart drugs and mind machines, techno-primitives who sport “biomechanical” tattoos of computer circuitry, and cyberpunk roboticists whose dystopian contraptions duel to the death before howling crowds. “Re-prov[ing] Dery an astute and trustworthy patrolman of the cultural and social borderland between

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science fiction and non-fiction”, *Escape Velocity* stands alone as the first truly critical inquiry into cyberculture (Wired).

Shifting the focus of our conversation about technology from the corridors of power to disparate voices on the cultural fringes, Dery wires it into the power politics and social issues of the moment. It is essential reading for everyone interested in computer culture and the shape of things to come.

Tests were conducted in 1978 to determine the feasibility of using an acoustic velocity meter to measure the Sacramento-San Joaquin Delta outflow in the Chipps Island Channel, Suisun Bay, Calif. Three parts of transducers with frequencies of 100, 40, and 24 kilohertz were installed on a cross-channel test path and operated at three elevations, 15.5, 8.0, and 4.0 feet below mean lower low water, to test signal transmission at varying depths. Transmission was most reliable at the lowest depth, and the 24-kilohertz transducers at the 7-millivolt threshold of signal strength met the study's criterion of no persistent signal loss of more than one hour's duration in any phase of the tidal cycle. Signal strength was statistically correlated with the environmental factors of wind velocity, wind direction, solar insolation, electrical conductivity, water temperature, water velocity, stage, rate of change in stage, and the acceleration of the rate of change in stage. All correlations were weak. Signal strength is apparently a function of the interaction of several environmental factors. A 32-day test to observe if aquatic growth on the transducers would affect signal transmission showed no reduction in signal strength. Suspended-sediment samples indicated that both the size and concentration of particles are greater than presumed in earlier studies. According to the results of this study, chances are good for reliable transmission of acoustic velocity meter signals. Usually some signals were much stronger than the average 20-second signal strength at 15-minute intervals used for

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correlation and the frequency analysis. Superior equipment is now being developed specifically for the Chipps Island site to transmit signals several times stronger than the signals analyzed in these tests.

A psychotherapist recounts her near-death experience from a sudden, unexpected brain aneurysm. Weaving in observations from years of service on an oncology unit she provides insight for health care professionals on how to treat patients facing death.

“Read this book to learn how to create a company as powerful as Apple.”—Guy Kawasaki, former chief evangelist of Apple
In *Escape Velocity* Geoffrey A. Moore, author of the marketing masterwork *Crossing the Chasm*, teaches twenty-first century enterprises how to overcome the pull of the past and reorient their organizations to meet a new era of competition. The world’s leading high-tech business strategist, Moore connects the dots between bold strategies and effective execution, with an action plan that elucidates the link between senior executives and every other branch of a company. For readers of Larry Bossidy’s *Execution*, Clay Christensen’s *Innovator’s Solution*, and Gary Vaynerchuck’s *Crush It!*, and for anyone aiming for the pinnacle of business success, *Escape Velocity* is an irreplaceable roadmap to the top.

'A spectacular epic of survival, full of triumph and gut-wrenching loss' Alex White
The last thing Sanda remembers is her gunship exploding. She expected to be recovered by salvage-medics and to awaken in friendly hands, patched-up and ready to rejoin the fight. Instead she wakes up 230 years later, on a deserted enemy starship called *The Light of Berossus* - or, as he prefers to call himself, 'Bero'. Bero tells Sanda the war is lost. That the entire star system is dead. But is that the full story? After all, in the vastness of space, anything is possible . . . Dazzling space battles, deadly galactic politics and rogue AI collide in *Velocity Weapon*, an

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epic space opera from award-winning author Megan E. O'Keefe. Praise for Velocity Weapon 'Furious action sequences, funny dialogue, and a plot that will keep you guessing every step of the way' K. B. Wagers 'Velocity Weapon is fast-paced, twisty, edge-of-your-seat fun. Space opera fans are in for a massive treat!' Marina J. Lostetter Millions of readers remember The Goal, the landmark business novel that sets forth by way of story the essential principles of Eliyahu Goldratt's innovative methods of production. Now, from the AGI-Goldratt Institute and Jeff Cox, the same creative writer who co-authored The Goal, comes VELOCITY, the book that reveals how to achieve outstanding bottom-line results by integrating the world's three most powerful continuous improvement disciplines: Lean, Six Sigma, and Goldratt's Theory of Constraints. Used by the United States Navy and United States Marine Corps to dramatically improve some of the most complex, logistically vast supply chains in the world, the VELOCITY APPROACH draws on the strengths of all three disciplines to deliver breakthrough performance gains. In physics, speed with direction is velocity; in business, the application of VELOCITY means your organization can achieve operational speed with strategic direction to outmaneuver competitors, gain loyalty with customers, and rapidly build sustainable earnings growth -- in as little as one or two business quarters. Dee Jacob and Suzan Bergland, two principals of AGI, have been teaching the concepts, techniques, and tools of VELOCITY to major corporations, including Procter & Gamble, ITT, and Northrop Grumman, for years. Now they unlock the door for you to see how to apply their insights and methods to your organization -- be it business, not-for-profit, manufacturing, or service based -- in order to shorten lead times, slash inventories, reduce production variability, and increase sales. Writer Jeff Cox returns with the vivid, realistic style that made The Goal

so readable yet so edifying. Thrust into the presidency of the subsidiary company where she has managed sales and marketing, Amy Cieolara is mandated by her corporate superiors to implement Lean Six Sigma (LSS) in order to appease a key customer. Assigned to help her is LSS Master Black Belt Wayne Reese, installed as her operations manager. But as time goes on and corporate pressure mounts, Amy finds she has to start thinking for herself -- and learning from everyone around her -- and she arrives at the series of steps that form the core of the VELOCITY APPROACH. VELOCITY offers keen insight into the human and organizational factors that so often derail growth while teaching you proven, practical techniques for restarting and revving up the internal engines of your company to reach new levels of success. Colorful characters, believable situations, and everything from dice games to AGI's "reality tree" techniques make this business novel a vital resource for everyone seeking to deliver business improvement in these challenging economic times -- and far into the future.

From the author of *Lead, Sell, or Get Out of the Way* comes a game-changing guide to help aspiring leaders transform their mindsets, increase performance, and become irreplaceable. Everyone knows what qualities define a good leader, but how many of us know what steps to take to become that great leader? The secret formula is what sales and leadership coach Ron Karr calls the Velocity Mindset(R) a perfect balance of speed and direction, both of which must remain in alignment for personal and professional success. Utilizing anecdotes and Karr's thirty-plus years of experience, *The Velocity Mindset (R)* demonstrates how taking time to PAUSE and visualize a desired outcome can propel you forward with purpose and beyond personal obstacles, positively influencing those around you. Whether you are in the entry-level stage of a career, a seasoned manager, or just looking

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to make a personal change, *The Velocity Mindset (R)* provides you with the tools you need to: - Leverage the psychology of influence, - Successfully engage the skills and passion of employees, teams, and customers, - Remove barriers, - Position products and services more powerfully, and - Achieve bigger results. Compelling and full of cross-industry wisdom, *The Velocity Mindset (R)* offers innovative and practical strategies to differentiate yourself from the competition, increase your profits, and get to the next level of success, faster.

Provides advice for business leaders on ways to meet the demands of the fast-paced digital age through new technology and business intelligence.

A series of communications from a deranged killer in which he is offered a number of devastating choices and deadlines draws Bill Wiles into a confrontation with pure evil.

After acquiring \$34,000, Will and Hand travel around the world giving away the money.

A debut collection of short fiction examines the richly varied lives of modern-day women--Greta, a cookbook editor; Nancy, a troubled nine-year-old girl; Delia, an abused wife; and others--in seven intriguing portraits of women of different ages and classes as they deal with fate, motherhood, infidelity, desperation, and other challenges of life. Reprint. 40,000 first printing.

'The Hunger Games' behind the wheel of a souped-up rally car. Losers die. Winners take all. A race through a psycho-future with genius Wooding in the driving seat. Fast? Yes. Furious? Yes. Fatal? We'll see.

How can you win when the only certainty is change? Highly accessible, lively and inspiring, *Velocity* draws upon the authors' unique perspectives and experiences to present seven timeless new laws for businesses and individuals in a world that is dominated by rapid change and digital

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technology. Written as a fascinating and enjoyable conversation between the authors – Stefan Olander, Vice President of Digital Sport from Nike and Ajaz Ahmed founder and Chairman AKQA – Velocity's up-to-date examples illustrate key lessons, together with insights, ideas and inspiration that individuals and businesses should adopt to thrive in the digital age. Velocity shares the vision and values required to succeed with the untold backstories to influential and iconic innovation. Fast paced, useful, provocative and highly motivating, Velocity is a management book that will arm you with actionable ideas to define your future. Features:

- 4 Velocity principles: Speed, Direction, Acceleration, Discipline.
- 7 Laws, including 'A Smith & Wesson beats four aces', 'It's easier done than said', 'Convenient is the enemy of right' and 'No good joke survives a committee of six'.

Brings together Portis' writings other than his four novels, including journalism, travel stories, short fiction, memoir, and even a play.

An expansive collection of love letters to books, libraries, and reading, from a wonderfully eclectic array of thinkers and creators.

VelocityBantam

Wave Propagation and Group Velocity contains papers on group velocity which were published during the First World War and are missing in many libraries. It introduces three different definitions of velocities: the group velocity of Lord Rayleigh, the signal velocity of Sommerfeld, and the velocity of energy transfer, which yields the rate of energy flow through a continuous wave and is strongly related to the characteristic impedance. These three velocities are identical for nonabsorbing media, but they differ considerably in an absorption band. Some examples are discussed in the last chapter dealing with guided waves, and many other cases of application of these definitions are quoted. These problems

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have come again into the foreground, in connection with the propagation of radio signals and radar. Reflection in the Heaviside layers requires a real knowledge of all these different definitions. Group velocity also plays a very important role in wave mechanics and corresponds to the speed of a particle. The present book should be very useful to physicists and radio engineers and should give them a good basis for new discussions and applications.

Retail automotive expert Dale Pollak reveals how dealers in today's pre-owned automotive marketplace can shift out of low gear toward accelerated profits.

Downright Filthy Pitching - The Science of Effective Velocity (EV) is the study of baseball pitch speeds and how location changes the reaction time of the hitter. This science answers why pitchers are great one day and awful the next and why hitters fall into slumps with no answers. For the first time there is scientific proof that will teach pitchers how to go from having 'Nasty Stuff' to becoming 'Downright Filthy'. This book series shows you how to maximize the effects of every pitch in your arsenal, like time management for pitch speed usage. This is the first provable explanation for why certain pitches are swung on and missed one day and hit out of the yard the next. EV gives pitchers a detailed plan to help them maximize their deception.....and yes, deception is now measurable and can be practiced. The only scientific pitch calling method has been implemented by Collegiate programs in baseball and softball throughout the country and with many Major League pitchers, catchers and coaches. EV has uncovered the truth behind some longtime myths about pitching. Find out why: 'Shorter Pitchers' may actually be far more deceptive' - 'Outside fastball is not the best pitch in baseball' - 'Keeping the ball down is killing you' and many other myths explained through this new set of goggles that has changed the game. You will never look at the game of baseball the same way

again.

The ultrasonic velocity profile (UVP) method, first developed in medical engineering, is now widely used in clinical settings. The fluid mechanical basis of UVP was established in investigations by the author and his colleagues with work demonstrating that UVP is a powerful new tool in experimental fluid mechanics. There are diverse examples, ranging from problems in fundamental fluid dynamics to applied problems in mechanical, chemical, nuclear, and environmental engineering. In all these problems, the methodological principle in fluid mechanics was converted from point measurements to spatio-temporal measurements along a line. This book is the first monograph on UVP that offers comprehensive information about the method, its principles, its practice, and applied examples, and which serves both current and new users. Current users can confirm that their application configurations are correct, which will help them to improve the configurations so as to make them more efficient and effective. New users will become familiar with the method, to design applications on a physically correct basis for performing measurements accurately. Additionally, the appendix provides necessary practical information, such as acoustic properties.

From a USA Today–bestselling author: FBI profiler Karen Vail’s hunt for a serial killer leads her into a dangerous criminal web—“relentless as a bullet” (Michael Connelly). After a colleague connects Vail with covert Department of Defense operative Hector DeSantos, who has a knack for uncovering difficult-to-locate information, the pair pries loose long-buried secrets and deceptions that reveal a much-larger criminal enterprise at work. As Vail squares off against foes more dangerous than any she has yet encountered, shocking personal and professional truths emerge—truths that may be more than she can handle. In keeping with Alan Jacobson’s

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page-turning style, *Velocity* is a high-octane thriller, a memorable work rich in believable characters and an intricately plotted story that's well-researched and ripped from today's headlines. *Velocity* was named one of the *Strand Magazine's* top ten books for 2010, *Suspense Magazine's* top five thrillers of 2010, *Library Journal's* top five thrillers of the year, and the *Los Angeles Times's* top picks of the year. *Velocity* is the second installment of a two-part story that begins with *Crush*, book two of the *Karen Vail Series*.

For years strength coaches relied solely on one-repetition maximum percentages to select loads for specific phases of program design. Today, however, more and more coaches have turned to velocity-based training for its pinpoint accuracy in measuring athletes' explosive power through the monitoring of bar and body speeds. As one of the first books of its kind to feature this exciting new method for increasing explosive power, *Velocity-Based Training* takes an in-depth look into how to best incorporate velocity-based training (VBT) into an athlete's training program. Author Nunzio Signore is one of the most in-demand strength and conditioning coaches in New York and has worked with players from the Minnesota Twins, Anaheim Angels, New York Yankees, New York Mets, Arizona Diamondbacks, and Seattle Mariners, to name a few. In *Velocity-Based Training*, Signore will show you how bring your athletes to greater levels of strength, speed, and power at a faster rate. You will find the following: Descriptions of the different types of VBT devices and the pros and cons of each, enabling you to select the best option for your needs Instructions on how to use VBT to assess athlete readiness and set specific training parameters for maximum results Information on how to use VBT to ensure athletes are training at the appropriate intensity according to where they are in their yearly training

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plan Expert guidance on how to use VBT daily with athletes of various training ages and ability levels Sample programming that includes exercises, intensities, and tempos for all four training seasons (postseason, off-season, preseason, and in-season), allowing you to set thresholds that minimize the potential for undertraining or overtraining Eliminate the guesswork by using hard data for the design and implementation of training programs. With the help of Velocity-Based Training, you can safely and efficiently build stronger and more powerful athletes. CE exam available! For certified professionals, a companion continuing education exam can be completed after reading this book. Velocity-Based Training Online CE Exam may be purchased separately or as part of the Velocity-Based Training With CE Exam package that includes both the book and the exam. Brenna Wilson just wants to live the most ordinary life she can. Flying under the radar and not taking risks seems to work best for her - after all, she consistently finds herself in the shadows of her best friend and trying to escape the haunts of an ex-boyfriend. However, a seemingly bad decision permanently alters the trajectory of her future into something much less ordinary. When sexy bad boy Ryan Flynn is transferred to Chicago to play hockey for the Velocity, he's ready to leave his mark on his new city. He crosses paths with Brenna and what they assume to be one night becomes something more. He can't get enough of this mysterious woman who is hesitant to let him get close to her. However, he also has a dark past he'd rather keep hidden. Can he break her shell without sacrificing himself in the process?

Speed, the sensation one gets when driving fast, was described by Aldous Huxley as the single new pleasure invented by modernity. The Speed Handbook is a virtuoso exploration of Huxley's claim. Enda Duffy shows how the

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experience of speed has always been political and how it has affected nearly all aspects of modern culture. Primarily a result of the mass-produced automobile, the experience of speed became the quintessential way for individuals to experience modernity, to feel modernity in their bones. Duffy plunges full-throttle into speed's "adrenaline aesthetics," offering deft readings of works ranging from F. Scott Fitzgerald's *The Great Gatsby*, through J. G. Ballard's *Crash*, to the cautionary consumerism of Ralph Nader. He describes how speed changed understandings of space, distance, chance, and violence; how the experience of speed was commodified in the dawning era of mass consumption; and how society was incited to abhor slowness and desire speed. He examines how people were trained by new media such as the cinema to see, hear, and sense speed, and how speed, demanded of the efficient assembly-line worker, was given back to that worker as the chief thrill of leisure.

Assessing speed's political implications, Duffy considers how speed pleasure was offered to citizens based on criteria including their ability to pay and their gender, and how speed quickly became something to be patrolled by governments. Drawing on novels, news reports, photography, advertising, and much more, Duffy provides a breakneck tour through the cultural dynamics of speed.

A remote colony. A mysterious threat. One man is all that stands between destruction and salvation. In 2271, space is anything but empty. Exoplanet settlements drive a constant demand for new colonists and unending trade. But the dangers of interstellar expansion are many. With responsibility for everything from pirates to broken spacecraft, Lieutenant Wyatt Wills doesn't understand his latest orders: perform a covert reconnaissance mission to Juliet, home to twenty million people and humanity's largest presence beyond Earth. All contact has been lost from the other side of

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the quantum gate. And what few rumors make it through smack of government conspiracies and an uncontrolled pandemic. Some even mention an alien invasion. It will be up to Wyatt and a hastily-assembled team of replacements to go to Juliet and uncover the truth. Once there, they may not make it back alive.

Discusses speed and acceleration and describes how coaster rides move in different ways and at different speeds.

Velocity 2.0: Paint, Pixels, & Profitability is the second book from retail automotive industry expert, entrepreneur and former dealer, Dale Pollak. The book picks up where Dale's Velocity: From the Front Line to the Bottom Line leaves off, revealing new ROI-based management metrics and processes dealers can use to operate more efficient and profitable used vehicle departments. The book flows from the recognition that today's used vehicle marketplace is more challenging and volatile than it's ever been a tough reality driven by the power of the Internet and a troubled economy. Velocity 2.0 offers a playbook of best practices and processes to help dealers become more successful.

Generate Better, Faster Results— Using Less Capital and Fewer Resources! “[The High-Velocity Edge] contains ideas that form the basis for structured continuous learning and improvement in every aspect of our lives. While this book is tailored to business leaders, it should be read by high school seniors, college students, and those already in the workforce. With the broad societal application of these ideas, we can achieve levels of accomplishment not even imagined by most people.” The Honorable Paul H. O’Neill, former CEO and Chairman, Alcoa, and Former Secretary of the Treasury “Some firms outperform competitors in many ways at once—cost, speed, innovation, service. How? Steve Spear opened my eyes to the secret of systemizing innovation: taking it from the occasional, unpredictable ‘stroke of genius’

to something you and your people do month-in, month-out to outdistance rivals.” Scott D. Cook, founder and Chairman of the Executive Committee, Intuit, Inc. “Steven Spear connects a deep study of systems with practical management insights and does it better than any organizational scholar I know. [This] is a profoundly important book that will challenge and inspire executives in all industries to think more clearly about the technical and social foundations of organizational excellence.” Donald M. Berwick, M.D., M.P.P., President and CEO, Institute for Healthcare Improvement

About the Book

How can some companies perform so well that their industry counterparts are competitors in name only? Although they operate in the same industry, serve the same market, and even use the same suppliers, these extraordinary, high-velocity organizations consistently outperform all the competition—and, more importantly, continually widen their leads. In *The High-Velocity Edge*, the reissued edition of five-time Shingo Prize winner Steven J. Spear’s critically acclaimed book *Chasing the Rabbit*, Spear describes what sets market-dominating companies apart and provides a detailed framework you can leverage to surge to the lead in your own industry. Spear examines the internal operations of dominant organizations across a wide spectrum of industries, from technology to design and from manufacturing to health care. While he investigates several great operational triumphs, like top-tier teaching hospitals’ fantastic improvements in quality of care, Pratt & Whitney’s competitive gains in jet engine design, and the U.S. Navy’s breakthroughs in inventing and applying nuclear propulsion, *The High-Velocity Edge* is not just about the adoration of success. It also takes a critical look at some of the operational missteps that have humbled even the most reputable and respected of companies and organizations. The decades-long prominence of Toyota, for example, is contrasted with the

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many factors leading to the automaker's sweeping 2010 product recalls. Taken together, these multiple perspectives and in-depth case studies show how to: Build a system of "dynamic discovery" designed to reveal operational problems and weaknesses as they arise Attack and solve problems when and where they occur, converting weaknesses into strengths Disseminate knowledge gained from solving local problems throughout the company as a whole Create managers invested in developing everyone's capacity to continually innovate and improve Whatever kind of company you operate— from technology to fi nance to healthcare— mastery of these four key capabilities will put you on the fast track to operational excellence, where you will generate faster, better results—using less capital and fewer resources. Apply the lessons of Steven J. Spear and gain a high-velocity edge over every competitor in your industry.

Virtual Velocity is the story of the curious creation of pop phenomena, Jake Jenkins, America's most renowned and successful literary novelist. Spanning six decades, through three interconnected stories, Virtual Velocity follows Jake from a sixteen-year-old learning about literature and women, to frenetic rock journalist, to struggling literary novelist, to world-famous author. Journeying through LA's rock and literary worlds, it is also an homage to the city, tracking its internal and external changing landscape and its cultural shape shifting. Virtual Velocity explores the complicated and often mystifying intersection between fame and art. Virtual Velocity is the story of the curious creation of pop phenomena, Jake Jenkins, America's most renowned and successful literary novelist. Spanning six decades, through three interconnected stories, Virtual Velocity follows Jake from a sixteen-year-old learning about literature and women, to frenetic rock journalist, to struggling literary novelist, to world-famous author. Journeying through LA's rock and

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literary worlds, it is also an homage to the city, tracking its internal and external changing landscape and its cultural shape shifting. *Virtual Velocity* explores the complicated and often mystifying intersection between fame and art.

"In 1970 I realized that the Sixties were passing me by. I had never even smoked a joint, or slept with anyone besides my husband. A year later I had left Nicky, changed my name from Ellen to Rain, and moved to a radical lesbian commune in California named Red Moon Rising, where I was playing the Ten of Hearts in an outdoor production of *Alice in Wonderland* when two FBI agents arrived to arrest the Red Queen . . ." So begins Blanche McCrary Boyd's brilliantly raucous account of self-styled feminist outlaws, their desperate adventures and extraordinary fates. Ellen, the narrator of Boyd's previous novel, *The Revolution of Little Girls*, this time pierces the heart of the sexual revolution in her quest to find a woman hero or--by default--to become one. Ferociously paced, *Terminal Velocity* delineates six wonderfully engaging characters: Artemis Foote, for whom being rich, talented, and beautiful is a kind of game; Jordan, a messianic fugitive who becomes Ellen's lover; Amethyst Woman, a Marxist/Leninist dentist; Ross, a red-diaper baby and now a columnist for *Ramparts*; and Pearl, an art history professor turned hippie. At the center of this vortex is Ellen, prior to her transformation happily married and a rising young editor at a genteel publishing house in Boston. Together with these women, she is caught in the political and moral tailspin of the Sixties, living in a sexualized world-without-boundaries that leads them, eventually, to destruction, acceptance, and even redemption. Deadpan funny and exquisitely moving, *Terminal Velocity* brings Boyd's lyricism, humor, and depth to material largely unexplored in American literature. A stunningly imaginative novel about the Cold War, the Russian space program, and the amazing fraud that pulled

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the wool over the eyes of the world. It's 1964 in the USSR, and unbeknownst even to Premier Khrushchev himself, the Soviet space program is a sham. Well, half a sham. While the program has successfully launched five capsules into space, the Chief Designer and his team have never successfully brought one back to earth. To disguise this, they've used twins. But in a nation built on secrets and propaganda, the biggest lie of all is about to unravel. Because there are no more twins left. Combining history and fiction, the real and the mystical, *First Cosmic Velocity* is the story of Leonid, the last of the twins. Taken in 1950 from a life of poverty in Ukraine to the training grounds in Russia, the Leonids were given one name and one identity, but divergent fates. Now one Leonid has launched to certain death (or so one might think...), and the other is sent on a press tour under the watchful eye of Ignatius, the government agent who knows too much but gives away little. And while Leonid battles his increasing doubts about their deceitful project, the Chief Designer must scramble to perfect a working spacecraft, especially when Khrushchev nominates his high-strung, squirrel-like dog for the first canine mission. By turns grim and whimsical, fatalistic and deeply hopeful, *First Cosmic Velocity* is a sweeping novel of the heights of mankind's accomplishments, the depths of its folly, and the people--and canines--with whom we create family.

Let's make physics a lot more appealing for your second grader! Your child will be learning about speed, velocity and acceleration in the pages of this book. Interesting images are also present to create a visual appeal and make information much more memorable. So what are you waiting for? Go ahead and secure a copy now!

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