

mini flips cool math games

mini flips cool math games is an exciting platform game that has captured the attention of casual gamers and puzzle enthusiasts alike. This article delves into everything you need to know about mini flips on Cool Math Games—from gameplay mechanics, strategies, and tips to the educational benefits and appeal for different age groups. Whether you are new to the game or an experienced player looking to refine your skills, you will discover how mini flips combines simple controls with challenging levels, offering hours of entertainment and brain-boosting fun. We will explore why mini flips stands out among other online games, how it encourages strategic thinking, and what makes it suitable for school, home, or leisure play. The following sections provide a comprehensive overview, practical advice, and expert insights into mastering mini flips cool math games.

- Overview of Mini Flips Cool Math Games
- Gameplay Mechanics and Objectives
- Strategies for Success in Mini Flips
- Educational Benefits of Mini Flips
- Appeal to Different Age Groups
- Tips and Tricks for Advancing Levels
- Comparison with Other Cool Math Games
- Frequently Asked Questions

Overview of Mini Flips Cool Math Games

Mini flips cool math games is a browser-based platformer designed to challenge players with its unique flip mechanics and obstacle courses. As part of the Cool Math Games collection, mini flips combines logic, timing, and spatial reasoning. The game is set in a colorful, minimalistic environment where players control a character or object that flips between surfaces to reach the goal. Its intuitive design makes it accessible to beginners while offering depth and increasing difficulty for more advanced players. The popularity of mini flips lies in its easy-to-learn controls and progressively challenging levels, making it a favorite among students, teachers, and puzzle lovers.

Gameplay Mechanics and Objectives

Basic Controls and Movement

Players use simple keyboard controls to navigate the mini flips world. Typically, arrow keys or on-screen buttons allow the character to move left, right, and flip between surfaces such as floors and ceilings. The primary mechanic involves flipping at the right moments to avoid obstacles and collect items.

Level Goals and Progression

Each level in mini flips cool math games presents a unique layout with platforms, spikes, and collectible coins or stars. The objective is to reach the end point, often marked by a flag or door, while gathering as many collectibles as possible. Players must use strategic thinking and precise timing to progress.

Challenges and Hazards

- Spikes and moving obstacles
- Timed platforms
- Limited flip opportunities
- Collectibles placed in hard-to-reach areas

As players advance, new hazards and puzzle elements are introduced, increasing the complexity and rewarding perseverance and skill development.

Strategies for Success in Mini Flips

Planning Moves Ahead

Success in mini flips cool math games requires anticipating obstacles and planning flips in advance. Observing the level layout before making the first move can help avoid common pitfalls and maximize collectible items.

Timing and Reflexes

Many levels feature moving platforms or timed hazards. Developing quick reflexes and learning the rhythm of each level are essential for mastering these challenges. Players should practice waiting for the optimal moment to flip or jump.

Learning from Mistakes

1. Identify the cause of failed attempts
2. Adjust flip timing or movement patterns
3. Repeat levels to improve mastery

Trial and error is a natural part of the mini flips experience. Each retry provides valuable insight into the level design and mechanics.

Educational Benefits of Mini Flips

Enhancing Problem-Solving Skills

Mini flips cool math games is more than just entertainment—it encourages players to think critically and solve spatial problems. Each level requires assessing potential risks, determining the best route, and executing precise maneuvers, all of which foster logical reasoning.

Promoting Strategic Thinking

Players learn to strategize by identifying patterns and anticipating future challenges. This skill translates to academic subjects such as mathematics and science, where planning and prediction are vital.

Boosting Focus and Patience

Mini flips rewards patience and concentration. The game's incremental difficulty curve helps players build focus over time, making it an excellent tool for classroom brain breaks or cognitive development.

Appeal to Different Age Groups

Kids and Young Learners

Mini flips cool math games is designed with kid-friendly graphics and straightforward controls. Younger players can quickly grasp the basics, enjoying the satisfaction of advancing through levels and collecting items.

Teens and Adults

The increasing complexity of mini flips makes it appealing to older players seeking a mental challenge. Teens and adults appreciate the strategic depth and quick-paced gameplay, often using the game for relaxation or cognitive stimulation.

Teachers and Educators

Educators often incorporate mini flips into classroom activities as a fun way to develop problem-solving and logical thinking. Its safe, non-violent content ensures suitability for school environments.

Tips and Tricks for Advancing Levels

Mastering the Flip Mechanic

Understanding when and how to flip is crucial. Practice flipping at different points to determine the safest and most efficient path. Experimenting with timing can reveal shortcuts and alternative routes.

Collecting All Items

- Explore every platform before heading to the goal
- Watch for hidden collectibles in corners or behind obstacles
- Plan your path to maximize item collection in one run

Completing levels with all collectibles increases your score and unlocks bonus content in some versions.

Managing Hazards

When facing spikes or moving platforms, take time to observe their patterns. Memorizing movement cycles helps navigate dangerous sections without rushing.

Comparison with Other Cool Math Games

Platformers versus Puzzle Games

Mini flips cool math games stands out from classic puzzle games on the platform by blending action

with logical challenges. Unlike pure math or word puzzles, mini flips requires both dexterity and strategic thinking.

Unique Features of Mini Flips

- Flip mechanic adds a new dimension to gameplay
- Progressively challenging levels
- Appealing graphics and sound effects
- Accessible for all skill levels

These features differentiate mini flips from other popular titles and contribute to its widespread popularity.

Replay Value and Longevity

With multiple levels and increasing difficulty, mini flips offers excellent replay value. Players can revisit completed levels to improve scores or discover new strategies, making it a lasting favorite among Cool Math Games selections.

Frequently Asked Questions

Below are common questions and answers about mini flips cool math games to help players overcome challenges and maximize enjoyment.

Q: What is mini flips cool math games?

A: Mini flips cool math games is an online platformer where players flip between surfaces to navigate obstacles and reach the goal.

Q: How do you control the character in mini flips?

A: The game uses keyboard arrows or on-screen buttons to move and flip your character between floors and ceilings.

Q: What skills does mini flips develop?

A: Mini flips enhances problem-solving, strategic planning, spatial reasoning, and reflexes for players of all ages.

Q: Is mini flips suitable for kids?

A: Yes, mini flips features age-appropriate graphics and challenges, making it ideal for children and young learners.

Q: Are there educational benefits to playing mini flips?

A: Playing mini flips cool math games promotes logical thinking, focus, and patience, which are valuable for academic growth.

Q: What are the hardest levels in mini flips?

A: Later stages introduce complex hazards and collectibles, requiring advanced timing and strategy to complete.

Q: Can mini flips be played on mobile devices?

A: Many versions of mini flips are mobile-friendly, allowing play on tablets and smartphones with touch controls.

Q: How do you collect all items in each level?

A: Explore every platform, plan your route, and master the flip mechanic to collect all coins or stars before finishing the level.

Q: How does mini flips compare to other Cool Math Games?

A: Mini flips distinguishes itself with its unique flip mechanic, challenging levels, and blend of action and puzzle-solving.

Q: Are there tips for overcoming difficult obstacles?

A: Observing obstacle patterns, practicing timing, and learning from failed attempts are key strategies for mastering tough levels.

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Mini Flips: Cool Math Games That Ignite the Mind

Are you tired of the same old math drills? Do you crave a fun and engaging way to sharpen your arithmetic skills? Then buckle up, because we're diving into the exciting world of "mini flips cool math games"! This post explores why these games are so effective, how they work, and where you can find them. We'll unpack the benefits, address common concerns, and ultimately show you how mini flip games can transform the way you (or your kids) approach math.

What are Mini Flip Cool Math Games?

Mini flip games, in the context of math education, refer to a category of interactive digital games designed to build essential mathematical skills through quick, engaging gameplay. They often involve flipping or rotating elements to solve equations, match numbers, or complete patterns. The "mini" aspect highlights their typically short, focused gameplay sessions – perfect for grabbing a few minutes of brain-boosting fun. They are different from traditional worksheets or rote memorization because they actively engage the player, making learning more enjoyable and less tedious.

The Benefits of Mini Flip Math Games

These games aren't just fun; they offer a range of educational advantages:

Improved Problem-Solving Skills: Mini flip games often require players to think strategically and creatively to find solutions. This enhances critical thinking and problem-solving abilities, skills applicable far beyond the realm of mathematics.

Enhanced Number Sense: Frequent interaction with numbers, even in a game format, strengthens number sense – an intuitive understanding of numbers and their relationships. This is crucial for success in more advanced mathematical concepts.

Increased Engagement and Motivation: Unlike traditional methods, mini flip games actively engage students, making learning more enjoyable. The immediate feedback and rewarding nature of the games can significantly boost motivation and encourage continued practice.

Development of Spatial Reasoning: Many mini flip games incorporate spatial reasoning skills – the ability to visualize and manipulate objects in space. This skill is vital in various areas, including geometry, engineering, and even everyday problem-solving.

Reinforcement of Core Concepts: While fun, these games often subtly reinforce core mathematical concepts such as addition, subtraction, multiplication, division, fractions, and geometry. The interactive nature helps solidify understanding through repetition and application.

Different Types of Mini Flip Math Games

The term "mini flips" is a broad category. The specific gameplay can vary widely depending on the game's design. Some common variations include:

Number Matching: Players flip tiles to find matching numbers or equations.

Equation Solving: Players flip tiles to create correct equations within a given time limit.

Pattern Recognition: Players flip tiles to complete a specific pattern or sequence.

Geometric Puzzles: Players flip and rotate geometric shapes to solve puzzles.

Where to Find Mini Flip Cool Math Games

Fortunately, numerous resources offer mini flip-style math games. You can easily find them through:

Educational App Stores: Look for apps specifically designed for math education. Many free and paid apps offer mini games focusing on different mathematical skills.

Online Educational Websites: Several websites dedicated to educational games host a variety of mini flip games suitable for various age groups.

Interactive Whiteboards: Many interactive whiteboards in classrooms utilize mini game functionalities to engage students with math concepts.

Addressing Common Concerns About Mini Flip Games

While generally beneficial, it's important to acknowledge potential concerns:

Screen Time: Excessive screen time can be detrimental. Encourage balanced usage and incorporate other activities.

Over-Reliance: Mini flips should supplement, not replace, traditional learning methods.

Age Appropriateness: Choose games appropriate for the child's age and skill level to avoid frustration.

Conclusion

Mini flip cool math games offer a refreshing approach to math education. They blend entertainment with learning, fostering a positive attitude towards mathematics and promoting the development of crucial skills. By strategically incorporating these games, parents and educators can create more engaging and effective learning experiences, making math fun and accessible for everyone.

Remember to select age-appropriate games and encourage a balanced approach to learning, combining mini flip games with traditional methods for a well-rounded education.

FAQs

1. Are mini flip games suitable for all age groups? No, it's crucial to select games appropriate for the child's age and mathematical understanding. Younger children might benefit from simpler matching games, while older children can tackle more complex equation-solving challenges.
2. Can mini flip games help with learning difficulties in math? While not a cure-all, mini flip games can provide a more engaging and less daunting approach to math, potentially helping students overcome some anxieties associated with the subject. However, consultation with educators and specialists is crucial for students with significant learning difficulties.
3. How much time should children spend playing mini flip math games daily? There's no magic number. A balanced approach is key. Aim for short, focused sessions (15-20 minutes) to maintain engagement and prevent screen fatigue.
4. Are all mini flip math games equally effective? The quality and effectiveness vary. Look for games with clear learning objectives, positive reinforcement, and age-appropriate difficulty levels. Read reviews and check ratings before selecting a game.
5. Can I create my own mini flip math games? Absolutely! With some creativity and the use of simple materials like index cards or a digital presentation tool, you can design your own customized mini flip games to target specific skills or concepts.

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— The Chicago Tribune “Van Draanen has another winner in this eighth-grade ‘he-said, she-said’ romance. A fast, funny, egg-cellent winner.” — SLJ, Starred review “With a charismatic leading lady kids will flip over, a compelling dynamic between the two narrators and a resonant ending, this novel is a great deal larger than the sum of its parts.” —Publishers Weekly, Starred review

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mini flips cool math games: *Number Sense Routines* Jessica F. Shumway, 2011 Just as athletes stretch their muscles before every game and musicians play scales to keep their technique in tune, mathematical thinkers and problem solvers can benefit from daily warm-up exercises. Jessica Shumway has developed a series of routines designed to help young students internalize and deepen their facility with numbers. The daily use of these quick five-, ten-, or fifteen-minute experiences at the beginning of math class will help build students' number sense. Students with strong number sense understand numbers, ways to represent numbers, relationships among numbers, and number systems. They make reasonable estimates, compute fluently, use reasoning strategies (e.g., relate operations, such as addition and subtraction, to each other), and use visual models based on their number sense to solve problems. Students who never develop strong number sense will struggle with nearly all mathematical strands, from measurement and geometry to data and equations. In *Number Sense Routines*, Jessica shows that number sense can be taught to all students. Dozens of classroom examples -- including conversations among students engaging in number sense routines -- illustrate how the routines work, how children's number sense develops, and how to implement responsive routines. Additionally, teachers will gain a deeper understanding of the underlying math -- the big ideas, skills, and strategies children learn as they develop numerical literacy.

mini flips cool math games: *Rules of Play* Katie Salen Tekinbas, Eric Zimmerman, 2003-09-25 An impassioned look at games and game design that offers the most ambitious framework for understanding them to date. As pop culture, games are as important as film or television—but game design has yet to develop a theoretical framework or critical vocabulary. In *Rules of Play* Katie Salen and Eric Zimmerman present a much-needed primer for this emerging field. They offer a unified model for looking at all kinds of games, from board games and sports to computer and video games. As active participants in game culture, the authors have written *Rules of Play* as a catalyst for innovation, filled with new concepts, strategies, and methodologies for creating and understanding games. Building an aesthetics of interactive systems, Salen and Zimmerman define core concepts like play, design, and interactivity. They look at games through a series of eighteen game design schemas, or conceptual frameworks, including games as systems of emergence and information, as contexts for social play, as a storytelling medium, and as sites of cultural resistance. Written for game scholars, game developers, and interactive designers, *Rules of Play* is a textbook, reference book, and theoretical guide. It is the first comprehensive attempt to establish a solid theoretical framework for the emerging discipline of game design.

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hidden language in game design that no one has fully articulated yet. The language could be compared to the building blocks of music (time signatures, chord progressions, verse) - no matter the instruments, style or time period - these building blocks come into play. Feel and sensation are similar building blocks when

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mini flips cool math games: My BFF Is an Alien Vivian Teo, 2020-03-01 Meet Abriana Yeo, 13, awkward and friendless. Meet Octavia Wu, a graceful teenage alien with superpowers. Forced to flee her home planet Viridis after an invasion by The Others, another alien species, Octavia and her parents crash-land in the Singapore heartland. Pretending to be a foreign student, Octavia enters secondary one and befriends Abriana, who then helps her in her quest to find the Anteris, a missing element the alien family needs if they want to return to Viridis to help in the war effort. All the while, the two girls also need to navigate the intricate web of teenage drama at Bukit Timah Secondary Girls' School (BTSGS), where mean girls thwart their search efforts every step of the way. Behind the adventure, mystery and sci-fi, this middle-grade novel also explores the pertinent issues that teenagers typically deal with in a local school setting—friendship, loyalty, CCAs, homework and bullies. There is also no shortage of excitement and intrigue in this sci-fi and adventure. This is the first in a four-book series, for children aged 10 and above.

mini flips cool math games: A Beautiful Math Tom Siegfried, 2006-09-21 Millions have seen the movie and thousands have read the book but few have fully appreciated the mathematics developed by John Nash's beautiful mind. Today Nash's beautiful math has become a universal language for research in the social sciences and has infiltrated the realms of evolutionary biology, neuroscience, and even quantum physics. John Nash won the 1994 Nobel Prize in economics for pioneering research published in the 1950s on a new branch of mathematics known as game theory. At the time of Nash's early work, game theory was briefly popular among some mathematicians and Cold War analysts. But it remained obscure until the 1970s when evolutionary biologists began applying it to their work. In the 1980s economists began to embrace game theory. Since then it has found an ever expanding repertoire of applications among a wide range of scientific disciplines. Today neuroscientists peer into game players' brains, anthropologists play games with people from primitive cultures, biologists use games to explain the evolution of human language, and mathematicians exploit games to better understand social networks. A common thread connecting much of this research is its relevance to the ancient quest for a science of human social behavior, or a Code of Nature, in the spirit of the fictional science of psychohistory described in the famous Foundation novels by the late Isaac Asimov. In A Beautiful Math, acclaimed science writer Tom Siegfried describes how game theory links the life sciences, social sciences, and physical sciences in a way that may bring Asimov's dream closer to reality.

mini flips cool math games: *The Talent Code* Daniel Coyle, 2009-04-28 What is the secret of talent? How do we unlock it? This groundbreaking work provides readers with tools they can use to maximize potential in themselves and others. Whether you're coaching soccer or teaching a child to play the piano, writing a novel or trying to improve your golf swing, this revolutionary book shows you how to grow talent by tapping into a newly discovered brain mechanism. Drawing on cutting-edge neurology and firsthand research gathered on journeys to nine of the world's talent hotbeds—from the baseball fields of the Caribbean to a classical-music academy in upstate New York—Coyle identifies the three key elements that will allow you to develop your gifts and optimize your performance in sports, art, music, math, or just about anything.

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- **Master Coaching** What are the secrets of the world's most effective teachers, trainers, and coaches? Discover the four virtues that enable these “talent whisperers” to fuel passion, inspire deep practice, and bring out the best in their students. These three elements work together within your brain to form myelin, a microscopic neural substance that adds vast amounts of speed and accuracy to your movements and thoughts. Scientists have discovered that myelin might just be the holy grail: the foundation of all forms of greatness, from Michelangelo's to Michael Jordan's. The good news about myelin is that it isn't fixed at birth; to the contrary, it grows, and like anything that grows, it can be cultivated and nourished. Combining revelatory analysis with illuminating examples of regular people who have achieved greatness, this book will not only change the way you think about talent, but equip you to reach your own highest potential.

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alignment, and anti-aliasing Insight into the making of Naughty Dog's latest hit, *The Last of Us* The book presents the theory underlying various subsystems that comprise a commercial game engine as well as the data structures, algorithms, and software interfaces that are typically used to implement them. It primarily focuses on the engine itself, including a host of low-level foundation systems, the rendering engine, the collision system, the physics simulation, character animation, and audio. An in-depth discussion on the gameplay foundation layer delves into the game's object model, world editor, event system, and scripting system. The text also touches on some aspects of gameplay programming, including player mechanics, cameras, and AI. An awareness-building tool and a jumping-off point for further learning, *Game Engine Architecture, Second Edition* gives readers a solid understanding of both the theory and common practices employed within each of the engineering disciplines covered. The book will help readers on their journey through this fascinating and multifaceted field.

mini flips cool math games: *Mexican WhiteBoy* Matt de la Peña, 2008-08-12 Newbery Award-winning and New York Times bestselling author Matt de la Peña's *Mexican WhiteBoy* is a story of friendship, acceptance, and the struggle to find your identity in a world of definitions. Danny's tall and skinny. Even though he's not built, his arms are long enough to give his pitch a power so fierce any college scout would sign him on the spot. Ninety-five mile an hour fastball, but the boy's not even on a team. Every time he gets up on the mound he loses it. But at his private school, they don't expect much else from him. Danny's brown. Half-Mexican brown. And growing up in San Diego that close to the border means everyone else knows exactly who he is before he even opens his mouth. Before they find out he can't speak Spanish, and before they realize his mom has blond hair and blue eyes, they've got him pegged. But it works the other way too. And Danny's convinced it's his whiteness that sent his father back to Mexico. That's why he's spending the summer with his dad's family. Only, to find himself, he may just have to face the demons he refuses to see--the demons that are right in front of his face. And open up to a friendship he never saw coming. Matt de la Peña's critically acclaimed novel is an intimate and moving story that offers hope to those who least expect it. [A] first-rate exploration of self-identity.-SLJ Unique in its gritty realism and honest portrayal of the complexities of life for inner-city teens...De la Peña poignantly conveys the message that, despite obstacles, you must believe in yourself and shape your own future.-The Horn Book Magazine The baseball scenes...sizzle like Danny's fastball...Danny's struggle to find his place will speak strongly to all teens, but especially to those of mixed race.-Booklist De la Peña blends sports and street together in a satisfying search for personal identity.-Kirkus Reviews *Mexican WhiteBoy*...shows that no matter what obstacles you face, you can still reach your dreams with a positive attitude. This is more than a book about a baseball player--this is a book about life.-Curtis Granderson, New York Mets outfielder An ALA-YALSA Top Ten Best Book for Young Adults A Junior Library Guild Selection

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mini flips cool math games: *Ultimate IQ Tests* Ken Russell, Philip Carter, 2015-08-03 IQ tests are routinely encountered in recruitment for various industries, including for jobs in the government, armed forces, and education as well as industry and commerce. Competition is fierce and employers are determined to cut the weak from the strong so it is essential for candidates to be prepared. *Ultimate IQ Tests* is the biggest book of IQ practice tests available. Written and compiled by experts in IQ testing and brain puzzles, it contains 1000 practice questions organized into 25 tests, with a simple guide to assessing individual performance. With a brand new test in this edition, designed to be more challenging than the others so you can track progress, this is the best one-stop resource to mind puzzles. Working through the questions will help you to improve your vocabulary and develop powers of calculation and logical reasoning. From the best-selling *Ultimate* series, *Ultimate IQ Tests* is an invaluable resource if you have to take an IQ test, but it's also great fun if you like to stretch your mind for your own entertainment - and boost your brain power. About the *Ultimate* series... The *Ultimate* series contains practical advice on essential job search skills to give you the best chance of getting the job you want. Taking you from your job search to completing an interview, it includes guidance on CV or résumé and cover letter writing, practice questions for passing aptitude, psychometric and other employment tests, and reliable advice for interviewing.

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look at the unique considerations and challenges that affect the growth, performance, training, and medical care of athletes in this demanding sport.

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BEST BOOKS OF THE YEAR BY BLOOMBERG Leadership is not about titles, status, and wielding power. A leader is anyone who takes responsibility for recognizing the potential in people and ideas, and has the courage to develop that potential. When we dare to lead, we don't pretend to have the right answers; we stay curious and ask the right questions. We don't see power as finite and hoard it; we know that power becomes infinite when we share it with others. We don't avoid difficult conversations and situations; we lean into vulnerability when it's necessary to do good work. But daring leadership in a culture defined by scarcity, fear, and uncertainty requires skill-building around traits that are deeply and uniquely human. The irony is that we're choosing not to invest in developing the hearts and minds of leaders at the exact same time as we're scrambling to figure out what we have to offer that machines and AI can't do better and faster. What can we do better? Empathy, connection, and courage, to start. Four-time #1 New York Times bestselling author Brené Brown has spent the past two decades studying the emotions and experiences that give meaning to our lives, and the past seven years working with transformative leaders and teams spanning the globe. She found that leaders in organizations ranging from small entrepreneurial startups and family-owned businesses to nonprofits, civic organizations, and Fortune 50 companies all ask the same question: How do you cultivate braver, more daring leaders, and how do you embed the value of courage in your culture? In this new book, Brown uses research, stories, and examples to answer these questions in the no-BS style that millions of readers have come to expect and love. Brown writes, "One of the most important findings of my career is that daring leadership is a collection of four skill sets that are 100 percent teachable, observable, and measurable. It's learning and unlearning that requires brave work, tough conversations, and showing up with your whole heart. Easy? No. Because choosing courage over comfort is not always our default. Worth it? Always. We want to be brave with our lives and our work. It's why we're here." Whether you've read *Daring Greatly* and *Rising Strong* or you're new to Brené Brown's work, this book is for anyone who wants to step up and into brave leadership.

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His film *In Debt We Trust* warned of the economic meltdown in 2006. He has since written three books on the subject including *Plunder: Investigating Our Economic Calamity* (Cosimo Books, 2008), and *The Crime Of Our Time: Why Wall Street Is Not Too Big to Jail* (Disinfo Books, 2011), a companion to his latest film *Plunder The Crime Of Our Time*. He can be reached online at www.newsdissector.com.

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