

# Nikola Tesla The Imagination And Man That Invented The World As We Know It Today Nikola Tesla The Man That Invented 20th Century The Dream Alternating Current System Electricity

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**Perceptual Imagination and Perceptual Memory** - Fiona Macpherson 2018

This volume presents ten new essays on the nature of perceptual imagination and perceptual memory. The central questions are: How do perceptual imagination and memory resemble and differ from each other and from other kinds of sensory experience? And what role does each play in perception and in the acquisition of knowledge?

**Freedom at the Falls** - Marianne Hering 2018-10-09

Over 1 million sold in series! When they step into the Imagination Station, kids experience an unforgettable journey filled with action-packed adventure to inspire their imaginations. With each book, they're whisked away with cousins Patrick and Beth to embark on a new journey around the world and back in time. In Freedom at the Falls, the Imagination Station takes Patrick and Beth to 1860s America, the time of the Civil War. There they meet key historical figures of the period and help conduct escaping slaves along the Underground Railroad to freedom in Canada. This is the first in a three-part story arc focusing on Civil War America.

**Nikola Tesla: Colorado Springs Notes, 1899-1900** - Nikola Tesla 2018-07-25

Due to his demonstration of wireless communication through radio, Nikola Tesla was widely respected as one of the greatest electrical engineers in America. In the United States, Tesla's fame rivaled that of any other inventor or scientist in history or popular culture. This book consists of Tesla's research for the practical development of a system for wireless transmission of power (electricity) -- the transmission of power from station to station. The notes are highly detailed, and clearly show his transmitting electricity without wires by means of his magnifying transmitter. A must-read for anyone interested in Tesla's revolutionary experiments with transmitters.

**Awakening Your Inner Genius** - Sean Patrick 2013-02-12

If you'd like to know what some of history's greatest thinkers and achievers can teach you about awakening your inner genius, and how to find, follow,

and fulfill your journey to greatness, then you want to read this book today. You can score in the highest ranges of IQ...and fail to succeed in life. You can work incredibly hard...and never realize your dreams. You can stumble across beautiful opportunities...only to watch them wither and die. There's something else--something considered unfathomable by many--that lies behind greatness. And in Awakening Your Inner Genius, you're going to be taken on an adventure to discover what that is, and how you can use it to transform your life. You see, genius is a path, not a gift. Studies of history's greatest geniuses have shown that there is a "genius code," if you will. A combination of very specific traits that we can develop in ourselves, and thus, operate at a genius level. In this book, you're going to learn things like... Why IQ, opportunities, and working toward that magical goal of 10,000 hours don't comprise the whole story of great achievers, and what else is needed to walk in the footsteps of our greatest geniuses. How to view and deal with the world as Leonardo da Vinci did, and embrace the one trait that most accounted for his incredible genius and talents. Lessons from Nikola Tesla on why imagination is so vital to awakening your inner genius, and insights into the real "secret" to creativity, as explained by people like Jobs, Picasso, Dali, and Twain. How Thomas Edison was able to go from a mischievous academically challenged kid to the world's most successful inventor, and how you too can formulate and realize goals like he did. The secret to Alexander the Great's superhuman drive and work ethic, and how you can inspire yourself to pursue your own goals and dreams with the same vigor and tenacity. What geniuses like Elizabeth I can teach you about the importance of individualism in your journey to greatness, and how to strengthen your will to break away from conventions, ignore the naysayers, and stay true to your vision and principles. How Hippocrates' epic quest to reform medicine in ancient Greece was fueled by his unparalleled judgment, and how you too can sharpen your ability to make the right decisions at the right times and thus move closer to your dreams, one

good call at a time. And much, much more... Imagine for a moment how this could change your life. If you dream of escaping the nine-to-five and striking out on your own, imagine if you knew with certainty that you would succeed. If you don't like where some aspect of humanity is going, imagine if you could do something amazing about it. If you have a stubborn desire to reach out into our culture and write "I was here," imagine if nothing could stop you. So, is the journey to genius right for you? Well, ask yourself the following questions. Who are you, really, and what are you really capable of? What is your calling, and what might happen in the world if you found out? If these questions ignite a spark of curiosity in you, then empower yourself to explore their meaning and magnitude. Read this book today and discover what it really takes to find and follow your bliss, and how to use the lessons passed down to us by some of history's greatest geniuses to systematically rise to top of your fields, activities, and endeavors.

**Tesla: Wizard at War** - Marc Seifer 2022-08-30

In this revelatory new book, the author of the award-winning international bestseller *Wizard: The Life & Times of Nikola Tesla* delves deeper into the groundbreaking ideas and astonishing mind of one of the greatest geniuses of modern times . . . “In a few years hence, it will be possible for nations to fight without armies, ships or guns, by weapons far more terrible to the destructive action and range of which there is virtually no limit. Any city at any distance whatsoever from the enemy can be destroyed by him and no power on Earth can stop him from doing so.” —Nikola Tesla, circa 1925 Drawing on forty years of research and a treasure trove of new information, *Tesla: Wizard at War* provides a comprehensive view of Tesla's discoveries, which continue to influence today's military technology and diplomatic strategies. One of the world's leading Tesla experts, Marc J. Seifer offers new insight into the brilliant scientist's particle beam weapon (aka the “Death Ray”) and explores his military negotiations with pivotal historical figures—including his links to Joseph Stalin, Vannevar Bush, General Andrew McNaughton, and Franklin Delano Roosevelt. From Tesla's role in the origins of Star Wars technology and his dynamic theory of gravity, to the real purpose behind the iconic tower at Wardenclyffe, this is an eye-opening account of Tesla's projects, passions, and ambitions—and an illuminating, important study of one of history's most intriguing figures.

*Nikola Tesla for Kids* - Amy O'Quinn 2019-07-02

Nikola Tesla was a physicist, scientist, electrical engineer, and world-renowned inventor whose accomplishments faded into oblivion after his death in 1943. Tesla was undeniably eccentric and compulsive; some considered him to be somewhat of a "mad" scientist. But in reality, he was a visionary. Many of his ideas and inventions that were deemed impossible during his lifetime have since become reality. He was the first to successfully use rotating magnetic fields to create an AC (alternating current) electrical power supply system and induction motor. He is now

acknowledged to have invented the radio ahead of Marconi. Among other things, he developed the Tesla coil, an oscillator, generators, fluorescent tubes, neon lights, and a small remote-controlled boat. He helped design the world's first hydroelectric plant at Niagara Falls. *Nikola Tesla for Kids* is the story of Nikola Tesla's life and ideas, complete with a time line, 21 hands-on activities, and additional resources to better understand his many accomplishments.

**Abafi** - Miklós Jósika 2013-12-03

Witness the story of a Hungarian Knight, Abafi, as he transforms from an evil man, who does selfish acts of his every whim, to a kind and noble man, who does more for others than he does for himself. Watch him make hard life decisions and search for his one true love. Experience the story that had a great effect on Nikola Tesla's life, so stated by him in his autobiography, *My Inventions*. In this translated text, he states, after reading this book, that: "This work somehow awakened my dormant powers of will and I began to practice self-control. At first my resolutions faded like snow in April, but in a little while I conquered my weakness and felt a pleasure I never knew before - that of doing as I willed." This book is finally available to the English speaking community, having not been fully translated into English before, as far as the editor knows.

**Lightning** - Jean Echenoz 2011-06-07

Drawn from the life of Nikola Tesla, one of the greatest inventors of his time, *Lightning* is a captivating tale of one man's curious fascination with the marvels of science. Hailed by the *Washington Post* as “the most distinctive voice of his generation,” Echenoz traces the notable career of Gregor, a precocious young engineer from Eastern Europe, who travels across the Atlantic at the age of twenty-eight to work alongside Thomas Edison, with whom he later holds a long-lasting rivalry. After his discovery of alternating current, Gregor quickly begins to astound the world with his other brilliant inventions, including everything from radio, radar, and wireless communication to cellular technology, remote control, and the electron microscope. Echenoz gradually reveals the eccentric inner world of a solitary man who holds a rare gift for imagining devices well before they come into existence. Gregor is a recluse—an odd and enigmatic intellect who avoids women and instead prefers spending hours a day courting pigeons in Central Park. Winner of the IMPAC Dublin Literary Award, Echenoz once again demonstrates his astonishing abilities as a prose stylist as he vividly captures the life of an isolated genius. A beautifully crafted portrait of a man who prefers the company of lightning in the Colorado desert to that of other human beings, *Lightning* is a dazzling new work from one of the world's leading contemporary authors.

**Light in the Lions' Den** - Marianne Hering 2017-02-07

Over 1 million sold in series! When they step into the Imagination Station, kids experience an unforgettable journey filled with action-packed adventure. With each book, readers are whisked away with cousins Patrick and Beth to embark on a new journey around the world and back in time.

This easy-to-read adventure is number 19 in the successful series that has now sold over 1 million books. The Imagination Station has been acting wonky for several adventures now, handing out the wrong gifts and traveling unexpected paths. Patrick and Beth must call upon their courage, strength, and resilience in order to help others and survive real dangers that threaten them as they travel through time and space to encounter the prophet Daniel and the deadly lions' den.


#### **The Problem of Increasing Human Energy - Nikola Tesla 2019-02-27**

NIKOLA TESLA was a gifted electrical and mechanical engineer, and was one of the most influential inventors of the last century. Eventually holding over 700 patents, Tesla worked in a number of fields, including electricity, robotics, radar, and the wireless transmission of energy. His discoveries laid the groundwork for many of the twentieth century's greatest technological advances. This book contains Tesla's thoughts on humanity's relationship with the universe, and also his explanation and scientific extrapolation on the technological advancements embodied in his work. This text, first published in Century Illustrated Magazine in June 1900, is yet another example of the genius of Nikola Tesla. CONTENTS Introduction • The onward movement of humanity • The energy of the movement • The three ways of increasing human energy 1 • The first problem: how to increase human mass • The burning of atmospheric nitrogen 2 • The second problem: how to reduce the force retarding the human mass • The art of telautomatics 3 • The third problem: how to increase the force accelerating the human mass • The harnessing of the Sun's energy 4 • The source of human energy • The three ways of drawing energy from the Sun 5 • Great possibilities offered by iron for increasing human performance • Enormous waste in iron manufacture 6 • Economical production of iron by a new process 7 • The coming of age of aluminium • The doom of the copper industry • The great civilizing potency of the new metal 8 • Efforts toward obtaining more energy from coal • Electric transmission • The gas engine • The cold-coal battery 9 • Energy from the medium • The windmill and the solar engine • Motive power from terrestrial heat • Electricity from natural sources 10 • A departure from known methods • The possibility of a 'self-acting' engine or machine • The ideal way of obtaining motive power 11 • First efforts to produce the self-acting engine • The mechanical oscillator • The work of Dewar and Linde • Liquid air 12 • Discovery of unexpected properties of the atmosphere • Strange experiments • Transmission of electrical energy through one wire without return • Transmission through the Earth without any wire 13 • Wireless telegraphy • The secret of tuning • Errors in the Hertzian investigations • A receiver of wonderful sensitivity 14 • Development of a new principle • The electrical oscillator • Production of immense electrical movements • The Earth responds to man • Interplanetary communication now probable 15 • Transmission of electrical energy to any distance without wires now possible • The best means of increasing the force accelerating the human mass

#### **Great Lives in Graphics: Nikola Tesla - G. M. C. Editors 2021-10-05**

Great Lives in Graphics; Nikola Tesla is a graphic retelling of Nikola's story which gives children a colorful snapshot of his life and the world he grew up in, while educating them on everything from alternating current to the power of the imagination. You may already know that Nikola Tesla was an electrical engineer, but did you know that he was born during a lightning storm? Or that he had a phobia of pearls? Great Lives in Graphics reimagines the lives of extraordinary people in vivid technicolor, presenting 250+ fascinating facts in a new and exciting way. It takes the essential dates and achievements of each person's life, mixes them with lesser-known facts and trivia, and uses infographics to show them in a fresh visual way that is genuinely engaging for children and young adults. The result is a colorful, fascinating and often surprising representation of that person's life, work and legacy. Using timelines, maps, repeated motifs and many more beautiful and informative illustrations, readers learn not just about the main subject of the book but also about the cultural background of the time they lived in.

#### **My Inventions - Nikola Tesla 2016-05-18**

One of science's great unsung heroes, Nikola Tesla (1856-1943) was a prophet of the electronic age. His research laid much of the groundwork for modern electrical and communication systems, and his impressive accomplishments include development of the alternating-current electrical system, radio, the Tesla coil transformer, wireless transmission, and fluorescent lighting. Yet his name and work are only dimly recognized today: Tesla's research was so groundbreaking that many of his contemporaries failed to understand it, and other scientists are unjustly credited for his innovations. The visionary scientist speaks for himself in this volume, originally published in 1919 as a six-part series in *Electrical Experimenter* magazine. Tesla recounts his boyhood in Croatia, his schooling and work in Europe, his collaboration with Thomas Edison, and his subsequent research. This edition includes the essay "The Problem of Increasing Human Energy: With Special Reference to the Harnessing of the Sun's Energy," which anticipates latter-day advances in environmental technology. Written with wit and lan, this memoir offers fascinating insights into one of the great minds of modern science.

#### **Wizard: - Marc Seifer 2011-10-24**

"The story of one of the most prolific, independent, and iconoclastic inventors of this century...fascinating."—*Scientific American* Nikola Tesla (1856-1943), credited as the inspiration for radio, robots, and even radar, has been called the patron saint of modern electricity. Based on original material and previously unavailable documents, this acclaimed book is the definitive biography of the man considered by many to be the founding father of modern electrical technology. Among Tesla's creations were the channeling of alternating current, fluorescent and neon lighting, wireless telegraphy, and the giant turbines that harnessed the power of Niagara Falls. This essential biography is illustrated with sixteen pages of

photographs, including the July 20, 1931, Time magazine cover for an issue celebrating the inventor's career. "A deep and comprehensive biography of a great engineer of early electrical science--likely to become the definitive biography. Highly recommended."--American Association for the Advancement of Science "Seifer's vivid, revelatory, exhaustively researched biography rescues pioneer inventor Nikola Tesla from cult status and restores him to his rightful place as a principal architect of the modern age." --Publishers Weekly Starred Review "[Wizard] brings the many complex facets of [Tesla's] personal and technical life together in to a cohesive whole....I highly recommend this biography of a great technologist." --A.A. Mullin, U.S. Army Space and Strategic Defense Command, COMPUTING REVIEWS "[Along with A Beautiful Mind] one of the five best biographies written on the brilliantly disturbed."--WALL STREET JOURNAL "Wizard is a compelling tale presenting a teeming, vivid world of science, technology, culture and human lives."-

*Empires of Light* - Jill Jonnes 2004-10-12

The gripping history of electricity and how the fateful collision of Thomas Edison, Nikola Tesla, and George Westinghouse left the world utterly transformed. In the final decades of the nineteenth century, three brilliant and visionary titans of America's Gilded Age--Thomas Edison, Nikola Tesla, and George Westinghouse--battled bitterly as each vied to create a vast and powerful electrical empire. In *Empires of Light*, historian Jill Jonnes portrays this extraordinary trio and their riveting and ruthless world of cutting-edge science, invention, intrigue, money, death, and hard-eyed Wall Street millionaires. At the heart of the story are Thomas Alva Edison, the nation's most famous and folksy inventor, creator of the incandescent light bulb and mastermind of the world's first direct current electrical light networks; the Serbian wizard of invention Nikola Tesla, elegant, highly eccentric, a dreamer who revolutionized the generation and delivery of electricity; and the charismatic George Westinghouse, Pittsburgh inventor and tough corporate entrepreneur, an industrial idealist who in the era of gaslight imagined a world powered by cheap and plentiful electricity and worked heart and soul to create it. Edison struggled to introduce his radical new direct current (DC) technology into the hurly-burly of New York City as Tesla and Westinghouse challenged his dominance with their alternating current (AC), thus setting the stage for one of the eeriest feuds in American corporate history, the War of the Electric Currents. The battlegrounds: Wall Street, the 1893 Chicago World's Fair, Niagara Falls, and, finally, the death chamber--Jonnes takes us on the tense walk down a prison hallway and into the sunlit room where William Kemmler, convicted ax murderer, became the first man to die in the electric chair.

*Nikola Tesla* - Grant Atkinson 2017-05-15

Mad Genius or Father of Modern Technology? Read on to Find Out! Electricity powers your modern life, but do you know who really set the wheels of technology in motion? Learn the true story of the hugely influential yet little-known inventor Nikola Tesla. You'll get an authentic,

illustrated biography of this fascinating man. Inside Tesla: From Humble Beginnings To Prolific Inventor His Genius Inventions and How They Still Benefit Us Today What Is a Tesla Coil? His Last Years And much, much more! Get access to insider knowledge of Tesla's life and work: Get to the heart of Tesla's story and get your copy now!

*Edison* - Edmund Morris 2019

From Pulitzer Prize-winning author Morris comes a revelatory new biography of Thomas Alva Edison, the most prolific genius in American history.

*On Light and Other High Frequency Phenomena* - Nikola Tesla 2020-12-08

*On Light and Other High Frequency Phenomena* is a lecture by Nikola Tesla. He presents his attempts to develop a wireless lighting system based on near-field inductive and capacitive coupling.

*The Invention of Everything Else* - Samantha Hunt 2009

Hunt's novel is a wondrous imagining of an unlikely friendship between the eccentric inventor Nikola Tesla and a young chambermaid in the Hotel New Yorker, where Tesla lived out his last days.

*Inferno in Tokyo* - Marianne Hering 2020-05-05

Over 900,000 copies sold in the series This easy-to-read adventure is number 20 in this long-running, successful series and is now available in softcover. The Imagination Station has been malfunctioning for several adventures now, handing out the wrong gifts and traveling unexpected paths. Patrick and Beth must use their courage, strength, and resilience to help others and survive dangers as they travel through time and space and get caught up in the 1923 earthquake, tsunami, and fire that devastated Tokyo, Japan. When kids step into the Imagination Station, they experience an unforgettable journey filled with action-packed adventure and excitement. Each book will whisk the reader away with cousins Patrick and Beth to embark on a new journey around the world and back in time.

*In the Matter of Nikola Tesla* - Anthony Flacco 2013-11-12

A fictionalized story of a true-life genius that "reads . . . like one of John le Carré's espionage novels" (New York Journal of Books). This account of the inner life of Nikola Tesla--arguably the most influential inventor in history--is a work of speculative fiction that reveals a genius whose greatest desire was to share his inventions with the world. It offers a compelling portrait of his passionate side, especially his secret love for his muse Karina, a woman no one else can see who brings him life-altering inspirations. Tesla's love and obsession with Karina are the forces driving his work and motivating him in the face of a doubting world. Tesla maintains a loner's life while working alongside some of the greatest financial and scientific powerhouses of the age, and faces constant temptation to stray from Karina and his life's work. This portrait of a larger-than-life genius brings to light his very human side. "Flacco does an admirable job of showing us a man who was sometimes the brilliant, prescient Master--the man with an eidetic memory--and sometimes the

helpless dupe of lesser, venial men. . . . A beautifully crafted handling of a difficult—and not always sympathetic—subject.” —Historical Novel Society

**The Tesla Papers** - Nikola Tesla 2000

"Nikola Tesla on free energy & wireless transmission of power"--Cover.

**Bright Dreams** - Tracy Dockray 2020

Young Nikola Tesla got a shock when he rubbed his cat's fur. That small spark lit his imagination forever. Covering his early years to his eventual success in the world of electricity, *Bright Dreams* showcases Tesla's incredible journey of discovery and perseverance. Author-illustrator Tracy Dockray conveys Tesla's busy and imaginative world with collage-style artwork and informative sidebars.

**Nikola Tesla** - Michael W. Simmons 2016-04-21

Nikola Tesla: inventor or magician? Tesla was one of the most famous inventors who ever lived, but after his death, he was nearly forgotten. He was a celebrity during the height of America's Gilded Age. In this book, you will read about his friendship with Mark Twain, his furious competition with his former employer Thomas Edison, his uneasy relationship with billionaire J.P. Morgan, and his rivalry with Albert Einstein. During his lifetime, Tesla revolutionized the field of electrical engineering with his most famous invention: the induction motor. But that wasn't all he contributed to the world of technology. His coils, turbines, robotic boats, and mysterious "death ray" continue to beguile the imagination and inspire the inventors of the 21st century. But who was Tesla really? This book will take you from his early childhood in Croatia, where he experienced strange optical visions and "luminous phenomenon" that gave him near super-human powers of memory and visualization, to the "War of the Currents," Thomas Edison's bizarre campaign to ruin Tesla's reputation. From trying to fight the Spanish American War with robots, to electrifying the skies of the Colorado desert, and to starting an earthquake in the middle of New York city, learn how Nikola Tesla shaped the world we live in today.

**Prodigal Genius** - John Joseph O'Neill 2008

Originally published in 1944. Includes partial list of Tesla patents.

**Inventor, Engineer, and Physicist Nikola Tesla** - Katie Marsico 2017-08

As a child, Nikola Tesla saw a picture of a waterfall and imagined an invention that would harness the water's energy. Decades later, he invented the water wheel. Learn about the innovative inventor who changed the world of electricity.

**Disease and Its Causes** - William Thomas Councilman 1913

**The Man Who Invented the Twentieth Century** - Robert Lomas 2013-01-10

Everybody knows that Thomas Edison devised electric light and domestic electricity supplies, that Guglielmo Marconi thought up radio and George Westinghouse built the world's first hydro-electric power station. Everybody knows these 'facts' but they are wrong. The man who dreamt up these things also invented, inter-alia, the fluorescent light, seismology, a

worldwide data communications network and a mechanical laxative. His name was Nikola Tesla, a Serbian-American scientist, and his is without doubt this century's greatest unsung scientific hero. His life story is an extraordinary series of scientific triumphs followed by a catalog of personal disasters. Perpetually unlucky and exploited by everyone around him, credit for Tesla's work was appropriated by several of the West's most famous entrepreneurs: Edison, Westinghouse and Marconi among them. After his death, information about Tesla was deliberately suppressed by the FBI. Using Tesla's own writings, contemporary records, court transcripts and recently released FBI files, *The Man who Invented the Twentieth Century* pieces together for the first time the true extent of Tesla's scientific genius and tells the amazing tale of how his name came to be so widely forgotten. Nikola Tesla is the engineer who gave his name to the unit of magnetic flux. *The Man Who Invented the Twentieth Century*. Robert's biography of his childhood hero was launched at the 1999 Orkney Science Festival, where Robert gave a talk on Tesla in conjunction with Andrej Detela from the Department of Low and Medium Energy Physics at the Jozef Stefan Institute in Ljubijana, Slovenia. Reviews Robert Gaitskell, a vice-president of the Institution of Electrical Engineers, writing in the *Times Higher Education Supplement*, said: "Robert Lomas is to be congratulated on an easy-to-read life of a tortured genius. The book not only takes us through the roller-coaster fortunes of Tesla, but also has well-constructed chapters on the history of electrical research and on lighting. Although dealing at times, with difficult technical concepts, it never succumbs to jargon and remains intelligible to the informed lay-person throughout. Every scientist or engineer would enjoy this tale of errant brilliance, and a younger student would be enthused towards a research career." Angus Clarke, writing in the *Times Metro Magazine* said: "Nikola Tesla is the forgotten genius of electricity. He invented or laid the groundwork for many things we take for granted today including alternating current, radio, fax and e-mail. A Croatian immigrant to America in 1884 Tesla combined genius with gaping character flaws and an uncanny ability to be ripped off by everyone. This is scientific popularisation at its most readable." *Engineering and Technology Magazine* said: "This book is fun, which is not something one often says about engineering books...Tesla is most widely known for the magnetic unit that bears his name, but sadly little else. This book is a thoroughly entertaining way of correcting that injustice, a must for engineers, especially electrical ones."

**Tesla** - W. Bernard Carlson 2015-04-27

Nikola Tesla was a major contributor to the electrical revolution that transformed daily life at the turn of the twentieth century. His inventions, patents, and theoretical work formed the basis of modern AC electricity, and contributed to the development of radio and television. Like his competitor Thomas Edison, Tesla was one of America's first celebrity scientists, enjoying the company of New York high society and dazzling the likes of Mark Twain with his electrical demonstrations. An astute self-

promoter and gifted showman, he cultivated a public image of the eccentric genius. Even at the end of his life when he was living in poverty, Tesla still attracted reporters to his annual birthday interview, regaling them with claims that he had invented a particle-beam weapon capable of bringing down enemy aircraft. Plenty of biographies glamorize Tesla and his eccentricities, but until now none has carefully examined what, how, and why he invented. In this groundbreaking book, W. Bernard Carlson demystifies the legendary inventor, placing him within the cultural and technological context of his time, and focusing on his inventions themselves as well as the creation and maintenance of his celebrity. Drawing on original documents from Tesla's private and public life, Carlson shows how he was an "idealist" inventor who sought the perfect experimental realization of a great idea or principle, and who skillfully sold his inventions to the public through mythmaking and illusion. This major biography sheds new light on Tesla's visionary approach to invention and the business strategies behind his most important technological breakthroughs.

**The Republic of Imagination** - Azar Nafisi 2014-10-21

A New York Times bestseller The author of the beloved #1 New York Times bestseller *Reading Lolita in Tehran* returns with the next chapter of her life in books—a passionate and deeply moving hymn to America Ten years ago, Azar Nafisi electrified readers with her multimillion-copy bestseller *Reading Lolita in Tehran*, which told the story of how, against the backdrop of morality squads and executions, she taught *The Great Gatsby* and other classics of English and American literature to her eager students in Iran. In this electrifying follow-up, she argues that fiction is just as threatened—and just as invaluable—in America today. Blending memoir and polemic with close readings of her favorite novels, she describes the unexpected journey that led her to become an American citizen after first dreaming of America as a young girl in Tehran and coming to know the country through its fiction. She urges us to rediscover the America of *The Wonderful Wizard of Oz* and *Adventures of Huckleberry Finn* and challenges us to be truer to the words and spirit of the Founding Fathers, who understood that their democratic experiment would never thrive or survive unless they could foster a democratic imagination. Nafisi invites committed readers everywhere to join her as citizens of what she calls the Republic of Imagination, a country with no borders and few restrictions, where the only passport to entry is a free mind and a willingness to dream.

**Tesla: Inventor of the Modern** - Richard Munson 2018-05-22

Tesla's inventions transformed our world, and his visions have continued to inspire great minds for generations. Nikola Tesla invented the radio, robots, and remote control. His electric induction motors run our appliances and factories, yet he has been largely overlooked by history. In *Tesla*, Richard Munson presents a comprehensive portrait of this farsighted and underappreciated mastermind. When his first breakthrough—alternating current, the basis of the electric grid—pitted him

against Thomas Edison's direct-current empire, Tesla's superior technology prevailed. Unfortunately, he had little business sense and could not capitalize on this success. His most advanced ideas went unrecognized for decades: forty years in the case of the radio patent, longer still for his ideas on laser beam technology. Although penniless during his later years, he never stopped imagining. In the early 1900s, he designed plans for cell phones, the Internet, death-ray weapons, and interstellar communications. His ideas have lived on to shape the modern economy. Who was this genius? Drawing on letters, technical notebooks, and other primary sources, Munson pieces together the magnificently bizarre personal life and mental habits of the enigmatic inventor. Born during a lightning storm at midnight, Tesla died alone in a New York City hotel. He was an acute germaphobe who never shook hands and required nine napkins when he sat down to dinner. Strikingly handsome and impeccably dressed, he spoke eight languages and could recite entire books from memory. Yet Tesla's most famous inventions were not the product of fastidiousness or linear thought but of a mind fueled by both the humanities and sciences: he conceived the induction motor while walking through a park and reciting Goethe's *Faust*. Tesla worked tirelessly to offer electric power to the world, to introduce automatons that would reduce life's drudgery, and to develop machines that might one day abolish war. His story is a reminder that technology can transcend the marketplace and that profit is not the only motivation for invention. This clear, authoritative, and highly readable biography takes account of all phases of Tesla's remarkable life.

**My Inventions** - Nikola Tesla 2007

In 1919, Nikola Tesla wrote several articles for the magazine *The Electrical Experimenter*. These pieces have been gathered together here. In the last few decades of his life, he ended up living in diminished circumstances as a recluse in Room 3327 of the New Yorker Hotel, occasionally making unusual statements to the press. Because of his pronouncements and the nature of his work over the years, Tesla gained a reputation in popular culture as the archetypal 'mad scientist'. He died impoverished and in debt on January 7, 1943. When he passed, Tesla didn't leave behind much material for the general public. Also, he didn't have many close friends who would have had insight into his life sufficient to write about him. Since *My Inventions* is an autobiography, it is unique in providing a glimpse into Tesla's mind and his private thoughts. It tells about the man, his motivations and the values that he held. *My Inventions* is a required read for anyone wanting to know more about one of the greatest inventors of the 20th century – and perhaps of all time. Contents - My Early Life - My First Efforts at Invention - My Later Endeavors - The Discovery of the Tesla Coil and Transformer - The Magnifying Transmitter - The Art of Telautomatics

**The Consolations of Philosophy** - Alain De Botton 2013-01-23

From the author of *How Proust Can Change Your Life*, a delightful, truly

consoling work that proves that philosophy can be a supreme source of help for our most painful everyday problems. Perhaps only Alain de Botton could uncover practical wisdom in the writings of some of the greatest thinkers of all time. But uncover he does, and the result is an unexpected book of both solace and humor. Dividing his work into six sections -- each highlighting a different psychic ailment and the appropriate philosopher -- de Botton offers consolation for unpopularity from Socrates, for not having enough money from Epicurus, for frustration from Seneca, for inadequacy from Montaigne, and for a broken heart from Schopenhauer (the darkest of thinkers and yet, paradoxically, the most cheering). Consolation for envy -- and, of course, the final word on consolation -- comes from Nietzsche: "Not everything which makes us feel better is good for us." This wonderfully engaging book will, however, make us feel better in a good way, with equal measures of wit and wisdom.

**Nikola Tesla** - Sean Patrick 2013

If you want to learn about one of history's most fascinating minds and uncover some of his secrets of imagination -- secrets that enabled him to invent machines light years ahead of his time and literally bring light to the world -- then you want to read this book. Imagination amplifies and colors every other element of genius, and unlocks our potential for understanding and ability. It's no coincidence that geniuses not only dare to dream of the impossible for their work, but do the same for their lives. They're audacious enough to think that they're not just ordinary players. Few stories better illustrate this better than the life of the father of the modern world, a man of legendary imaginative power and wonder: Nikola Tesla. In this book, you'll be taken on a whirlwind journey through Tesla's life and work, and not only learn about the successes and mistakes of one of history's greatest inventors, but also how to look at the world in a different, more imaginative way. Read this book now and learn lessons from Nikola Tesla on why imagination is so vital to awakening your inner genius, and insights into the real "secret" to creativity, as explained by people like Jobs, Picasso, Dali, and Twain.

**Tesla** - Margaret Cheney 2011-11-08

In this "informative and delightful" (American Scientist) biography, Margaret Cheney explores the brilliant and prescient mind of Nikola Tesla, one of the twentieth century's greatest scientists and inventors. In *Tesla: Man Out of Time*, Margaret Cheney explores the brilliant and prescient mind of one of the twentieth century's greatest scientists and inventors. Called a madman by his enemies, a genius by others, and an enigma by nearly everyone, Nikola Tesla was, without a doubt, a trailblazing inventor who created astonishing, sometimes world-transforming devices that were virtually without theoretical precedent. Tesla not only discovered the rotating magnetic field -- the basis of most alternating-current machinery -- but also introduced us to the fundamentals of robotics, computers, and missile science. Almost supernaturally gifted, unfailingly flamboyant and neurotic, Tesla was troubled by an array of compulsions and phobias and

was fond of extravagant, visionary experimentations. He was also a popular man-about-town, admired by men as diverse as Mark Twain and George Westinghouse, and adored by scores of society beauties. From Tesla's childhood in Yugoslavia to his death in New York in the 1940s, Cheney paints a compelling human portrait and chronicles a lifetime of discoveries that radically altered -- and continue to alter -- the world in which we live. *Tesla: Man Out of Time* is an in-depth look at the seminal accomplishments of a scientific wizard and a thoughtful examination of the obsessions and eccentricities of the man behind the science.

**Nikola Tesla** - Hourly History 2017-04-18

Nikola Tesla was a major figure in the world in which he lived. As the nineteenth century gave way to the twentieth, it was Tesla who would contribute to some of the world's most amazing inventions. It was Tesla's theories, patents, and experiments that would pave the way for the digital, wireless world we are so familiar with today. Tesla didn't enjoy the high honors bestowed on so many of his contemporaries, yet he enjoyed the power of knowing that it was his inventions that were powering the world, literally. Inside you will read about... [Early Life](#) [Alternating Current and the Induction Motor](#) [Patents, Radio and X-rays](#) [Wardenclyffe Years](#) [Personal Life](#) [Later Years](#) [10 Things You Never Knew About Nikola Tesla](#) And much more! This book will take you through the life of Nikola Tesla. From his humble beginnings in Croatia to all he would accomplish as a citizen of the United States, Tesla shows how his imagination fueled his creativity and brought his inventions to life. See Nikola Tesla for what he truly was; an extraordinary visionary who sparked the world.

**Tesla For Beginners** - Robert I. Sutherland-Cohen 2016-11-08

The father of modern-day electricity and considered by some to be the ultimate "mad scientist," Nikola Tesla filed nearly 300 patents in his lifetime. Many of these patents resulted in functioning inventions; others were little more than wide-eyed dreams--or still await possible development. *Tesla For Beginners* examines the man behind the alternating current and wireless technologies who traveled from Serbia by steamship to arrive in the United States with only four cents in his pocket. It was in the early 1880s, at the tail end of the Industrial Revolution and the beginning of the Second Industrial Revolution, that America beckoned him. Nikola Tesla--a poet of invention--left behind a vast and intriguing legacy. He was a scientist, physicist, mathematician, electrical engineer, and extensively published author who spent his last decades scraping for funding for celestial projects and living out his final days in penurious solitude with a pigeon.

**Nikola Tesla** - Sean Patrick 2013-03-18

If you want to learn about one of history's most fascinating minds and uncover some of his secrets of imagination--secrets that enabled him to invent machines light years ahead of his time and literally bring light to the world--then you want to read this book. Imagination amplifies and colors every other element of genius, and unlocks our potential for understanding

and ability. It's no coincidence that geniuses not only dare to dream of the impossible for their work, but do the same for their lives. They're audacious enough to think that they're not just ordinary players. Few stories better illustrate this better than the life of the father of the modern world, a man of legendary imaginative power and wonder: Nikola Tesla. In this book, you'll be taken on a whirlwind journey through Tesla's life and work, and not only learn about the successes and mistakes of one of history's greatest inventors, but also how to look at the world in a different, more imaginative way. Read this book now and learn lessons from Nikola Tesla on why imagination is so vital to awakening your inner genius, and insights into the real "secret" to creativity, as explained by people like Jobs, Picasso, Dali, and Twain.

Electrical Wizard - Elizabeth Rusch 2013-09-10

An introduction to the pioneering ideas of a leading contributor to modern electrical engineering includes coverage of such topics as his rivalry with Thomas Edison, his innovations in the field of alternating current and his history-changing role in the development of such inventions as remote controls, fluorescent lights and cell phones.

*Tesla: A Portrait with Masks* - Vladimir Pistalo 2015-01-06

An electric novel of the extraordinary life of one of the twentieth century's most prodigious and colorful inventors Nikola Tesla was a man forever misunderstood. From his boyhood in what is present-day Croatia, where his father, a Serbian Orthodox priest, dismissed his talents, to his tumultuous years in New York City, where his heated rivalry with Thomas Edison yielded triumphs and failures, Tesla was both demonized and lionized. Tesla captures the whirlwind years of the dawn of the electrical age, when his flair for showmanship kept him in the public eye. For every successful invention—the alternating current electrical system and wireless communication among them—there were hundreds of others. But what of the man behind the image? Vladimir Pistalo reveals the inner life of a man haunted by the loss of his older brother, a man who struggled with flashes of madness and brilliance whose mistrust of institutional support led him to financial ruin. *Tesla: A Portrait with Masks* is an impassioned account of a visionary whose influence is still felt today.

*The Fantastic Inventions of Nikola Tesla* - Nikola Tesla 1993

"Nikola Tesla: complete bibliography" (p. 349-351).