

# The Shocking World Of Electricity With Max Axiom Super Scientist

Zombies and Electricity  
Electrical World  
The World's Advance The Prize  
Electric Universe  
Charged Up  
The Shocking Truth about Electricity  
A Refreshing Look at Renewable Energy with Max Axiom, Super Scientist  
Understanding Photosynthesis With Max Axiom Super Scientist  
The Shocking World of Electricity with Max Axiom Super Scientist  
The Attractive Story of Magnetism with Max Axiom, Super Scientist  
Power Play  
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A Question of Power  
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A Crash Course in Forces and Motion with Max Axiom Super Scientist  
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The Powerful World of Energy with Max Axiom, Super Scientist  
The PowerJuice  
The Shocking Story of Electricity  
Horrible Science: Shocking Electricity  
Shocking Bodies  
Engineering a Totally Rad

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Skateboard with Max Axiom, Super Scientist  
The Last Days of Night

## **Zombies and Electricity**

Join Max Axiom as he examines the life-sustaining process of photosynthesis and the relationship between plants and energy on Earth. Young readers will dig into the mysteries of one of nature's coolest secrets! Download the free Capstone 4D app for an augmented reality experience that goes beyond the printed page. Videos, writing prompts, discussion questions, and hands-on activities make this updated edition come alive and keep your collection current.

## **Electrical World**

### **The World's Advance**

Comical characters explain the basics, including the many forms energy can take. Readers can learn how energy changes from one form to another so that the Sun's energy can end up in a lunch box and eventually in people's muscles. Easy-to-follow diagrams show different ways energy can be harnessed. For a green look at the topic, the pros and cons of each form of energy are outlined, and tips on how to use energy sensibly are included. This high-voltage introduction to energy combines physical science and environmental science with fun.

## **The Prize**

This beautifully illustrated and scholarly book examines the importance of electric fishes in science and medicine and how three species in particular shaped neurophysiology. Anchored in the philosophy and science of past epochs, it is the story of one of Nature's greatest puzzles. Over a long and tortuous path, it focuses on how some numbing fishes helped to make physiology modern.

## **Electric Universe**

The power struggle between public and private interests in the electricity industry is illuminated in this fascinating account of the recent drive to privatize this big business in America.

## **Charged Up**

## **The Shocking Truth about Electricity**

Charge up with Max Axiom as he explores the globe to understand renewable energy! Learn about all kinds of renewable energy sources and the benefits of using them. With brand-new Capstone 4D videos, writing prompts and discussion questions, and a hands-on activity, Max helps young readers understand how renewable energy could change our lives and take care of our world.

## **A Refreshing Look at Renewable Energy**

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### **with Max Axiom, Super Scientist**

The fascinating true tale of electricity's legacy in America charts the gradual progress of this new technology into the homes of Americans at the end of the nineteenth century while exposing the role of "electrotherapy" in American medicine during the same period. Reprint.

### **Understanding Photosynthesis With Max Axiom Super Scientist**

Zoom along as Max Axiom rides his way through a lesson in speed, acceleration, inertia, friction, and gravity! Young readers will discover the complex forces that keep the world running. Download the free Capstone 4D app for an augmented reality experience that goes beyond the printed page. Videos, writing prompts, discussion questions, and hands-on activities make this updated edition come alive and keep your collection current.

### **The Shocking World of Electricity with Max Axiom Super Scientist**

### **The Attractive Story of Magnetism with Max Axiom, Super Scientist**

The creation of a licensed electrical engineer with more than 20 years of experience as an SM player, Juice is a first in its field. With a basic overview of the

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physics of electricity from an SM viewpoint, an exploration of electricity's effects on the body and descriptions of the functions and sensations of the many types of electrical toys available both through the S/M community and in the outside world. Cartoons illustrate the three P's and throughout, Uncle Abdul's wicked and pun-laden sense of humour lightens and informs the text.

## **Power Play**

Historically, it was guns, germs, and steel that determined the fates of people and nations. Now, more than ever, it is electricity. Global demand for power is doubling every two decades, but electricity remains one of the most difficult forms of energy to supply and do so reliably. Today, some three billion people live in places where per-capita electricity use is less than what's used by an average American refrigerator. How we close the colossal gap between the electricity rich and the electricity poor will determine our success in addressing issues like women's rights, inequality, and climate change. In *A Question of Power*, veteran journalist Robert Bryce tells the human story of electricity, the world's most important form of energy. Through onsite reporting from India, Iceland, Lebanon, Puerto Rico, New York, and Colorado, he shows how our cities, our money--our very lives--depend on reliable flows of electricity. He highlights the factors needed for successful electrification and explains why so many people are still stuck in the dark. With vivid writing and incisive analysis, he powerfully debunks the

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notion that our energy needs can be met solely with renewables and demonstrates why--if we are serious about addressing climate change--nuclear energy must play a much bigger role. Electricity has fueled a new epoch in the history of civilization. A Question of Power explains how that happened and what it means for our future.

### **Wired for Greed**

A sweeping work of historical fiction from the New York Times–bestselling author Dominic Smith, *The Electric Hotel* is a spellbinding story of art and love. For more than thirty years, Claude Ballard has been living at the Hollywood Knickerbocker Hotel. A French pioneer of silent films who started out as a concession agent for the Lumière brothers, the inventors of cinema, Claude now spends his days foraging for mushrooms in the hills of Los Angeles and taking photographs of runaways and the striplings along Sunset Boulevard. But when a film history student comes to interview Claude about *The Electric Hotel*—the lost masterpiece that bankrupted him and ended the career of his muse, Sabine Montrose—the past comes surging back. In his run-down hotel suite, the ravages of the past are waiting to be excavated: celluloid fragments in desperate need of restoration, as well as Claude’s memories of the woman who inspired and beguiled him. *The Electric Hotel* is a portrait of a man entranced by the magic of moviemaking, a luminous romance, and a whirlwind trip through early cinema. Sit back, relax, and enjoy the show.

## Shocking Electricity

### The Electric Hotel

However important the magic of wands, brooms, cauldrons, potions, and spells might be to the vivid story telling of [the Harry Potter] books, it is merely incidental to their philosophy of life.... I can't count the number of times I've heard someone in a business context say something like "I wish I could just magically solve all these problems" or "I'll try my best to deal with this, but remember, I'm no magician." What is particularly interesting is that the most difficult problems that the people in Harry's world face are rarely solved with just magic, but rather by the use of intelligence, reasoning, planning, courage, determination, persistence, resourcefulness, creativity, fidelity, friendship, and many other qualities traditionally known by the philosophers in our world as virtues.... The meaning of life is not to be found in elixirs or incantations, secret words or exotic objects with esoteric powers, but in real moral virtue and the magic of what it can help us do...." J. K. Rowling's novels about Harry Potter and the Hogwarts School of Witchcraft and Wizardry have captured the imaginations of people everywhere. In IF HARRY POTTER RAN GENERAL ELECTRIC, bestselling business author Tom Morris (IF ARISTOTLE RAN GENERAL MOTORS) uncovers the values and timeless truths that underlie Rowling's hugely popular books and illuminate the lessons they offer to all of us in our careers and daily lives. But, you say, Harry Potter

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lives in a world of magic? What can we possibly learn to apply to our own careers and everyday lives? Morris shows that the most difficult problems Harry and his friends face are rarely solved by the use of magic alone. Rather, they are conquered by intelligence, reasoning, determination, creativity, friendship, and a host of other classic virtues—the very qualities, in fact, that make for success in every aspect of our lives. Blending an array of provocative examples from the novels with thought-provoking commentary on contemporary management practices, *IF HARRY POTTER RAN GENERAL ELECTRIC* offers readers a master's course on leadership and ethics, told in an engaging and insightful way.

### **Shocking Frogs**

" and still we could never suppose that fortune were to be so friendly to us, such as to allow us to be perhaps the first in handling, as it were, the electricity concealed in nerves, in extracting it from nerves, and, in some way, in putting it under everyone's eyes." With these words, Luigi Galvani announced to the world in 1791 his discovery that nervous conduction and muscle excitation are electrical phenomena. The result of more than years of intense experimental work, Galvani's milestone achievement concluded a thousand-year scientific search, in a field long dominated by the antiquated beliefs of classical science. Besides laying the grounds for the development of the modern neurosciences, Galvani's discovery also brought to light an invention that would forever change humankind's everyday life: the

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electric battery of Alessandro Volta. In an accessible style, written for specialists and general readers alike, *Shocking Frogs* retraces the steps of both scientific discoveries, starting with the initial hypotheses of the Enlightenment on the involvement of electricity in life processes. So doing, it also reveals the inconsistency of the many stereotypes that an uncritical cultural tradition has imparted to the legacies of Galvani and Volta, and proposes a decidedly new image of these monumental figures.

### **A Question of Power**

NEW YORK TIMES BESTSELLER • A thrilling novel based on actual events, about the nature of genius, the cost of ambition, and the battle to electrify America—from the Oscar-winning screenwriter of *The Imitation Game* and author of *The Sherlockian* NAMED ONE OF THE BEST BOOKS OF THE YEAR BY THE WASHINGTON POST AND THE PHILADELPHIA INQUIRER • SOON TO BE A MAJOR MOTION PICTURE STARRING EDDIE REDMAYNE New York, 1888. Gas lamps still flicker in the city streets, but the miracle of electric light is in its infancy. The person who controls the means to turn night into day will make history—and a vast fortune. A young untested lawyer named Paul Cravath, fresh out of Columbia Law School, takes a case that seems impossible to win. Paul's client, George Westinghouse, has been sued by Thomas Edison over a billion-dollar question: Who invented the light bulb and holds the right to power the country? The case affords Paul entry to the heady world of high society—the glittering parties in

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Gramercy Park mansions, and the more insidious dealings done behind closed doors. The task facing him is beyond daunting. Edison is a wily, dangerous opponent with vast resources at his disposal—private spies, newspapers in his pocket, and the backing of J. P. Morgan himself. Yet this unknown lawyer shares with his famous adversary a compulsion to win at all costs. How will he do it? In obsessive pursuit of victory, Paul crosses paths with Nikola Tesla, an eccentric, brilliant inventor who may hold the key to defeating Edison, and with Agnes Huntington, a beautiful opera singer who proves to be a flawless performer on stage and off. As Paul takes greater and greater risks, he'll find that everyone in his path is playing their own game, and no one is quite who they seem. Praise for *The Last Days of Night* “A satisfying romp . . . Takes place against a backdrop rich with period detail . . . Works wonderfully as an entertainment . . . As it charges forward, the novel leaves no dot unconnected.”—Noah Hawley, *The New York Times Book Review* “This captivating historical novel illuminates a fascinating American moment.”—*People* “A fascinating portrait of American inventors . . . Moore crafts a compelling narrative out of [Paul] Cravath’s cunning legal maneuvers and [Nikola] Tesla’s world-changing tinkering, while a story line on opera singer Agnes Huntington has the mysterious glamour of *The Great Gatsby*. . . . Moore weaves a complex web. . . . He conjures Gilded Age New York City so vividly, it feels like only yesterday.”—*Entertainment Weekly* “A model of superior historical fiction . . . Graham Moore digs deep into long-forgotten facts to give us an exciting, sometimes astonishing story of two geniuses locked

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in a brutal battle to change the world. . . . [A] brilliant journey into the past.”—The Washington Post

“Mesmerizing, clever, and absolutely crackling, *The Last Days of Night* is a triumph of imagination.

Graham Moore has chosen Gilded Age New York as his playground, with outsized characters—Edison, Tesla, Westinghouse—as his players. The result is a beautifully researched, endlessly entertaining novel that will leave you buzzing.”—Gillian Flynn, author of *Gone Girl* “It’s part legal thriller, part tour of a magical time—the age of wonder—and once you’ve finished it, you’ll find it hard to return to the world of now.”—Erik Larson, author of *The Devil in the White City*

### **The Shocking Truth about Energy**

"Stick with Max Axiom as he explores the powerful force of magnetism. Travelling the globe and solar system, young readers will unlock the mysteries of the magnetic world. Download the free Capstone 4D app for an augmented reality experience that goes beyond the printed page. Videos, writing prompts, discussion questions, and hands-on activities make this updated edition come alive and keep your collection current."--

### **A Crash Course in Forces and Motion with Max Axiom Super Scientist**

This beautifully illustrated and scholarly book examines the importance of electric fishes in science and medicine and how three species in particular shaped neurophysiology. Anchored in the philosophy

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and science of past epochs, it is the story of one of Nature's greatest puzzles. Over a long and tortuous path, it focuses on how some numbing fishes helped to make physiology modern.

### **The Shocking World of Electricity with Max Axiom, Super Scientist**

Originally published: Mankato, MN: Capstone Press, 2009.

#### **Electric Universe**

"Describes the science behind electricity, including generation and transmission"--Provided by publisher.

### **Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics**

Describes man's exploration of the nature of and usage of electricity, from ancient Greece to the present

#### **The Electrical World**

Originally published: Mankato, MN: Capstone Press, 2008.

### **The Shocking History of Electric Fishes**

"Describes what electricity is and how it works

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through humor and core science content"--Provided by publisher.

### **Popular Electricity and the World's Advance**

### **The Earth-Shaking Facts about Earthquakes with Max Axiom, Super Scientist**

"In cartoon format, uses zombies to explain the science of electricity"--Provided by publisher.

### **Dark Light**

What would happen if women suddenly possessed a fierce new power? "The Power is our era's The Handmaid's Tale." --Ron Charles, Washington Post  
**\*\*WINNER OF THE BAILEYS WOMEN'S PRIZE FOR FICTION\*\*** One of the New York Times's Ten Best Books of the Year One of President Obama's favorite reads of the Year A Los Angeles Times Best Book of the Year One of the Washington Post's Ten Best Books of the Year An NPR Best Book of the Year One of Entertainment Weekly's Ten Best Books of the Year A San Francisco Chronicle Best Book of the Year A Bustle Best Book of the Year A Paste Magazine Best Novel of the Year A New York Times Book Review Editors' Choice An Amazon Best Book of the Year "Alderman's writing is beautiful, and her intelligence seems almost limitless. She also has a pitch-dark sense of humor that she wields perfectly." --Michael Schaub, NPR In

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THE POWER, the world is a recognizable place: there's a rich Nigerian boy who lounges around the family pool; a foster kid whose religious parents hide their true nature; an ambitious American politician; a tough London girl from a tricky family. But then a vital new force takes root and flourishes, causing their lives to converge with devastating effect. Teenage girls now have immense physical power--they can cause agonizing pain and even death. And, with this small twist of nature, the world drastically resets. From award-winning author Naomi Alderman, THE POWER is speculative fiction at its most ambitious and provocative, at once taking us on a thrilling journey to an alternate reality, and exposing our own world in bold and surprising ways.

### **Popular Electricity and the World's Advocate**

Horrible Science: Shocking Electricity is packed with sizzling zap-filled facts to electrify every reader. Children can find out about the scientist who gave electric shocks to his eyeballs, that lightning can strike you with heat five times hotter than the sun and much more besides!

### **If Harry Potter Ran General Electric**

The bestselling author of  $E=mc^2$  weaves tales of romance, divine inspiration, and fraud through an account of the invisible force that permeates our universe—electricity—and introduces us to the virtuoso scientists who plumbed its secrets. For

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centuries, electricity was seen as little more than a curious property of certain substances that sparked when rubbed. Then, in the 1790s, Alessandro Volta began the scientific investigation that ignited an explosion of knowledge and invention. The force that once seemed inconsequential was revealed to be responsible for everything from the structure of the atom to the functioning of our brains. In harnessing its power, we have created a world of wonders—complete with roller coasters and radar, computer networks and psychopharmaceuticals. In *Electric Universe*, the great discoverers come to life in all their brilliance and idiosyncrasy, including the visionary Michael Faraday, who struggled against the prejudices of the British class system, and Samuel Morse, a painter who, before inventing the telegraph, ran for mayor of New York City on a platform of persecuting Catholics. Here too is Alan Turing, whose dream of a marvelous thinking machine—what we know as the computer—was met with indifference, and who ended his life in despair after British authorities forced him to undergo experimental treatments to “cure” his homosexuality. From the frigid waters of the Atlantic to the streets of Hamburg during a World War II firestorm to the interior of the human body, *Electric Universe* is a mesmerizing journey of discovery.

### **The Science of Lighting a City**

Join Max Axiom for an electrifying adventure to learn all about how power is produced and harnessed for human use. Young readers will supercharge their

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knowledge of the shocking world of electricity! Download the free Capstone 4D app for an augmented reality experience that goes beyond the printed page. Videos, writing prompts, discussion questions, and hands-on activities make this updated edition come alive and keep your collection current.

### **The Illuminating World of Light with Max Axiom, Super Scientist**

The Prize recounts the panoramic history of oil -- and the struggle for wealth power that has always surrounded oil. This struggle has shaken the world economy, dictated the outcome of wars, and transformed the destiny of men and nations. The Prize is as much a history of the twentieth century as of the oil industry itself. The canvas of this history is enormous -- from the drilling of the first well in Pennsylvania through two great world wars to the Iraqi invasion of Kuwait and Operation Desert Storm. The cast extends from wildcatters and rogues to oil tycoons, and from Winston Churchill and Ibn Saud to George Bush and Saddam Hussein. The definitive work on the subject of oil and a major contribution to understanding our century, The Prize is a book of extraordinary breadth, riveting excitement -- and great importance.

### **The Shocking History of Electric Fishes**

Join Max Axiom as he explores the science behind light. Max helps young readers understand the critical role light plays in everything we do. These newly

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revised editions feature Capstone 4D augmented reading experience, with videos, writing prompts, discussion questions, and a hands-on activity. Fans of augmented reality will love learning beyond the book!

### **The Powerful World of Energy with Max Axiom, Super Scientist**

For the Victorians, electricity was the science of spectacle and of wonder. It provided them with new ways of probing the nature of reality and understanding themselves. Luigi Galvani's discovery of 'animal electricity' at the end of the eighteenth century opened up a whole new world of possibilities, in which electricity could cure sickness, restore sexual potency and even raise the dead. In *Shocking Bodies*, Iwan Rhys Morus explores how the Victorians thought about electricity, and how they tried to use its intimate and corporeal force to answer fundamental questions about life and death. Some even believed that electricity was life, which brought into question the existence of the soul, and of God, and provided arguments in favour of political radicalism. This is the story of how electricity emerged as a powerful new tool for making sense of our bodies and the world around us.

### **The Power**

*Shocking Electricity* is packed with sizzling zap-filled facts to electrify every reader. Children can find out about the scientist who gave electric shocks to his eyeballs, that lightning can strike you with heat five

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times hotter than the sun and much more!  
Redesigned in a bold, funky new look for the next generation of Horrible Science fans.

## **Juice**

"In graphic novel format, follows Max Axiom as he uses the engineering process to design and build a skateboard"--

## **The Shocking Story of Electricity**

Describes how electrical energy is generated in power stations and how it travels through pylons, power cables, and wires into people's homes. Includes activity.

## **Horrible Science: Shocking Electricity**

In graphic novel format, follows the adventures of Max Axiom as he explains the science behind electricity.

## **Shocking Bodies**

A popular history of the science of electricity follows the work of the scientists and pioneers who investigated its unique properties and secrets and discusses the influence of their scientific breakthroughs on our ability to harness its power.

## **Engineering a Totally Rad Skateboard with Max Axiom, Super Scientist**

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Most Americans still do not understand electric utilities, and many consumers have only a vague grasp of the intricacies of regulation and deregulation. This is a paradox of sorts; regulation, in particular, seems easy enough to grasp. The real difficulty lies in understanding how power companies have manipulated the regulators. If you think utility deregulation has done away with electric utility monopolies, think again! Deregulation is a myth-it's business as usual for the power companies. For most of America, utility deregulation has yet to become a reality. Even if it does, electric companies will still swindle those they serve. Why? One reason: deregulation allows the utility giants to retain control of the transmission and distribution of electricity. Utility cheating has gone unchecked for more than a century. Author Joe Seeber has caught the electric companies red-handed, from fudged financials and courtroom trickery to meter manipulation and outright fraud. He paints a compelling portrait of an industry wired for greed-and argues that it's time someone pulled the plug.

### **The Last Days of Night**

Electricity is a shocking discovery that has reshaped the world. Can you image what life would be life without electricity? Interestingly, there are many sources of electricity. Some harm the environment while others do not. Open this book to know where electricity comes from and how it is generated. Grab a copy now!

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