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Modernist Physics Love and Relativity An Investigation of Student Understanding of Basic Concepts in Special Relativity Mother Earth's Revenge The Rotating Magnet Experiment Physics for Beginners Ducks, Chickens and Other Fowl Things How to Teach Relativity to Your Dog The Ecological Self Memories of Mark Understanding Physics American Journal of Physics Law of Attraction Secrets: Success and Nothing Less Science Digital Nomads The Diva Incident Political Geology Perfect Truth, Beauty, and Goodness Reframed Global Anaesthesia Arthur Dove GCSE Mathematics for Edexcel Foundation Student Book Magical Energy Healing: The Ruach Healing Method GCSE Mathematics for Edexcel Higher Student Book GCSE Mathematics for AQA Higher Student Book The Group as Therapist GCSE Mathematics for OCR Higher Student Book Catalog of Copyright Entries. Third Series A Catalogue of Books Added to the Library of the Times Book Club from January, 1915, to June, 1923 Lucy and the Rocket Dog A Bend in the Stars The Outer Limits of Reason Maths Squared Atomic Anna Dictionary Catalog of the Research Libraries of the New York Public Library, 1911-1971 Comedy and Feminist Interpretation of the Hebrew Bible Princeton Alumni Weekly The Paris Type Albert Einstein's Theory of Relativity The Nordic Secret Paradoxes of Time Travel

The Ruach Healing Method combines Kabbalah, Reiki, Hermetics, and Ancient Energy Healing techniques to codify a powerful, unique healing system. Simple directions guide the reader through a variety of distinct techniques that empower, attune, and awaken the healer's spiritual, magical, and energetic healing abilities. Readers will learn how to amplify, magnify and focus Universal Life Force called "Ruach". Learn ancient techniques to protect yourself from unwanted negative energy. Learn to eradicate disease, emotional imbalances, and energetic depletion/congestion in a patient's energy field through the use of colors, Angels, Planets, Elements, and the Tree of Life. Learn to activate each Sephira on the Tree of Life invoking unbelievable energy healing. Permeated with over 20 step-by-step exercises, over 10 charts, and over 45 illustrations this is a practical, easy-to-learn Spiritual and Magical healing system. This is a must read for every Healer, Light Worker, and Reiki practitioner. "Ducks, Chickens & Other Fowl Things" is a collection of poetry written by a young woman in pain, who used writing as a therapeutic outlet. It deals with subjects which anyone who has butted heads with adversity can certainly relate to. Using a directness not normally found in poetry, the author takes you on a journey through the trials she has had to face…and hopes that the words in her book might help others find peace in their lives. A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the Edexcel GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book provides full coverage of the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand concepts, apply techniques, solve problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as a free Teacher's Resource, Problem-solving Books and Homework Books. Arthur Dove, often credited as America’s first abstract painter, created dynamic and evocative images inspired by his surroundings, from the farmland of upstate New York to the North Shore of Long Island. But his interests were not limited to nature. Challenging earlier accounts that view him as simply a landscape painter, Arthur Dove: Always Connect reveals for the first time the artist’s intense engagement with language, the nature of social interaction, and scientific and technological advances. Rachael Z. DeLue rejects the traditional assumption that Dove can only be understood in terms of his nature paintings and association with photographer and gallerist Alfred Stieglitz and his circle. Instead, she uncovers deep and complex connections between Dove’s work and his world, including avant-garde literature, popular music, meteorology, mathematics, aviation, and World War II. Arthur Dove also offers the first sustained account of Dove’s Dadaesque multimedia projects and the first explorations of his animal imagery and the role of humor in his art. Beautifully illustrated with works from all periods of Dove’s career, this book presents a new vision of one of America’s most innovative and captivating artists—and reimagines how the story of modern art in the United States might be told. A bestselling, riveting literary delight for fans of All the Light We Cannot See and The Nightingale: an historical novel that is at once an epic love story and a heart-pounding journey across WWI-era Russia, following an ambitious young doctor and her scientist brother in a race against Einstein to solve one of the greatest mysteries of the universe. In Russia, in the summer of 1914, as war with Germany looms and the Czar's army tightens its grip on the local Jewish community, Miri Abramov and her brilliant physicist brother, Vanya, are facing an impossible decision. Since their parents drowned fleeing to America, Miri and Vanya have been raised by their babushka, a famous matchmaker who has taught them to protect themselves at all costs: to fight, to kill if necessary, and always to have an escape plan. But now, with fierce, headstrong Miri on the verge of becoming one of Russia's only female surgeons, and Vanya hoping to solve the final puzzles of Einstein's elusive theory of relativity, can they bear to leave the homeland that has given them so much? Before they have time to make their choice, war is declared and Vanya goes missing, along with Miri's fiancé. Miri braves the firing squad to go looking for them both. As the eclipse that will change history darkens skies across Russia, not only the safety of Miri's own family but the future of science itself hangs in the balance. Grounded in real history -- and inspired by the solar eclipse of 1914 -- A Bend in the Stars offers a heartstopping account of modern science's greatest race amidst the chaos of World War I, and a love story as epic as the railways crossing Russia. Ryan Wasserman explores a range of fascinating puzzles raised by the possibility of time travel, with entertaining examples from physics, science fiction, and popular culture, and he draws out their implications for our understanding of time, tense, freedom, fatalism, causation, counterfactuals, laws of nature, persistence, change, and mereology. From ancient times, philosophers, theologians, and artists have attempted to describe and categorize the defining virtues of civilization. In Truth, Beauty, and Goodness Reframed, renowned education authority Howard Gardner explores the meaning of the title's three virtues in an age when vast technological advancement and relativistic attitudes toward human nature have deeply shaken our moral worldview. His incisive examination reveals that although these concepts are changing faster than ever before, they are -- and will remain, with our stewardship -- cornerstones of our society. Designed to appeal to a wide readership, Truth, Beauty, and Goodness Reframed is an approachable primer on the foundations of ethics in the modern age. The unforgettable story of the bond between a budding scientist and her beloved dog, perfect for fans of A Wrinkle in Time and See You In the Cosmos. Lucy loves space. She loves to gaze up at the stars and bask in space’s bigness and its here, there, and everywhereness. She loves it so much that she built a rocket ship in her backyard, hoping that one day she can use it to explore space herself. The ship is just Prototype I, though, so it’s not ready to carry anyone into orbit yet. Or so she thinks. Laika doesn’t give much thought to space—she is a dog, after all. The thing that Laika loves the most is Lucy. She loves Lucy so much that, one evening, she wanders into Prototype I looking for her—and is promptly launched into space. While Laika takes off on an intergalactic adventure, Lucy begins a lifelong scientific quest to bring her dog home. Told from the two friends’ alternating perspectives and, in turns, heartbreaking and hilarious, this tale will win over anyone who has ever loved a pet, or who has looked at the stars and wondered just what might be going on in the here, there, and everywhereness. A Library Information Technology Association Excellence in Children’s & Young Adult Science Fiction Notable Book “I wish I had this book when I was a kid! It brings you on a fun adventure through the universe and sneaks in some fascinating science along the way.”—Emily Calandrelli,

Correspondent on Bill Nye Saves the World "Reminiscent of Roald Dahl's style . . . . For those who might enjoy a dog book, a science book, or just a good story."--Kirkus "Readers who have ever loved a dog and tinkerers who dream of leaving the prototype stage of design will enjoy this tale of friendship and improbable interstellar canine time-bending."--SLJ They say you can't teach an old dog new tricks. But what about relativity? Physics professor Chad Orzel and his inquisitive canine companion, Emmy, tackle the concepts of general relativity in this irresistible introduction to Einstein's physics. Through armchair- and sometimes passenger-seat-conversations with Emmy about the relative speeds of dog and cat motion or the logistics of squirrel-chasing, Orzel translates complex Einsteinian ideas -- the slowing of time for a moving observer, the shrinking of moving objects, the effects of gravity on light and time, black holes, the Big Bang, and of course, E=mc2 -- into examples simple enough for a dog to understand. A lively romp through one of the great theories of modern physics, How to Teach Relativity to Your Dog will teach you everything you ever wanted to know about space, time, and anything else you might have slept through in high school physics class. "Rather than explaining details about how to do physics, this book focuses on explaining what different branches of physics are about, how we know about them, and what mysteries remain for budding physicists to uncover. It doesn't shy away from the hard stuff, tackling Black Holes, quantum mechanics, and even Einstein's theory of relativity"-- PROLOGUE TO THE CONTINUUM (The beginning of the Hykonian wars) The year is 6700 A.D. and a disarmed and disillusioned human race is lost in stagnation. Yet, there are a few humans in whom the primitive flame still burns. The ISMU miners sail the uncharted waters of their time. They are a rough crude lot governed only by the dictates of their union. The Diva is an ISMU superminer and her captain is Raef Maclear. Somewhere near the M31 galaxy, Raef Maclear will meet the Hykonians and find himself the last hope of the human race. This book explores the emerging field of political geology, an area of study dedicated to understanding the cross-sections between geology and politics. It considers how geological forces such as earthquakes, volcanoes, and unstable ground are political forces and how political forces have an impact on the earth. Together the authors seek to understand how the geos has been known, spoken for, captured, controlled and represented while creating the active underlying strata for producing worlds. This comprehensive collection covers a variety of interdisciplinary topics including the history of the geological sciences, non-Western theories of geology, the origin of the earth, and the relationship between humans and nature. It includes chapters that re-think the earth’s ‘geostory’ as well as case studies on the politics of earthquakes in Mexico city, shamans on an Indonesian volcano, geologists at Oxford, and eroding islands in Japan. In each case political geology is attentive to the encounters between political projects and the generative geological materials that are enlisted and often slip, liquefy or erode away. This book will be of great interest to scholars and practitioners across the political and geographical sciences, as well as to philosophers of science, anthropologists and sociologists more broadly. A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the OCR J560 GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book provides full coverage of the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand concepts, apply techniques, solve problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as Problem-solving Books, Homework Books and a free Teacher's Resource. This is the first book-length treatment of the metaphysical foundations of ecological ethics. The author seeks to provide a metaphysical illumination of the fundamental ecological intuitions that we are in some sense `one with' nature and that everything is connected with everything else. Drawing on contemporary cosmology, systems theory and the history of philosophy, Freya Mathews elaborates a new metaphysics of `interconnectedness'. She offers an inspiring vision of the spiritual implications of ecology, which leads to a deepening of our conception of conservation. The Oxford Specialist Handbook of Global Anaesthesia is a key reference for anaesthetists working in environments with scarce resources. Written by international experts in administering anaesthesia in emergency settings across the globe, it's a portable, easy-to-read guide to the provision of safe anaesthesia in difficult environments. Modernist Physics' studies literary texts and scientific ideas in their historical context to provide an original account of the ways in which Virginia Woolf and D. H. Lawrence engaged with the scientific theories, especially those of Albert Einstein. Understand how Einstein came to write the most famous equation in history and see how the world was changed forever.Broken into 10 bite-sized chapters, this step-by-step journey through Einstein's mind takes his original manuscripts and makes them accessible to budding scientists everywhere. Introduction -- Goodbye to All That: Escape Stories -- Practical Magic: Welcome to Silicon Bali -- Paradise Paradox: Constructing a Digital Nomad Community -- Not on Holiday: Making Money and Building Dreams -- Stages of Nomadism: Honeymooners, Visa Runners, and Resident Nomads -- Conclusion: In Search of Freedom, Community, and Meaningful Work. Love, life, and happily ever after? It’s all relative. Marine biology student Emma Pierce lives in paradise—geographically speaking, anyway. Stranded on Sanibel Island, Florida, she works at a nursing home by day and spends her nights dodging the island's infamous bad boy, Jackson Taylor, at her favorite karaoke bar. Trying to heal from the loss of her sister and a failed relationship she re-routed her life for, she's ready to graduate and finally leave Florida behind. When a run-in with Jackson and his rowdy crew goes sour at the bar one night, sparks fly and irreversible damage is done. It’s no secret that Jackson loves to get underneath her skin, but this time he's gone too far. Now all he wants is to earn her forgiveness before she's gone for good, but their ideas of closure—and the future—are enough to keep them worlds apart. Named a Most Anticipated Book by Bookish Named a Best Book of the Month by Buzzfeed "The novel is masterfully plotted.”—New York Times Book Review “Atomic Anna is a dazzling work of ingenuity and imagination.”?Téa Obreht,National Book Award finalist and New York Times bestselling author of Inland From the author of A Bend in the Stars, an epic adventure as three generations of women work together and travel through time to prevent the Chernobyl disaster and right the wrongs of their past. Three brilliant women. Two life-changing mistakes. One chance to reset the future. In 1986, nuclear scientist Anna Berkova is asleep in her bed in the Soviet Union when Chernobyl's reactor melts down. The energy surge accidentally sends her through time. When she wakes up, she's in 1992 and discovers Molly, her estranged daughter, shot in the chest. Should Anna travel in time to save her daughter or stop Chernobyl? Anna goes to '60s Philadelphia, where Molly is coming of age as an adopted refusenik in a family full of secrets. Molly finds solace in comic books, drawing her own series, Atomic Anna. But when she meets volatile Viktor, their romance sets her life on a dangerous course. Anna then seeks out Molly's daughter, Raisa, in the '80s. Raisa is a lonely teen and math prodigy, who finds new issues of Atomic Anna in unexpected places. Each comic challenges her to solve equations leading to two impossible conclusions: Time travel is real and so is the strange old woman claiming to be her grandmother. These three remarkable women must work together across time to prevent the greatest nuclear disaster of the twentieth century, but simply because you can change the past, does it mean you should? Mother earth having been abused for so long is in a state of toxic shock. With her bountiful natural beauty and her children being devoured by huge corporate conglomerates followed by rogue and maverick nations she unleashes her anger on those who refuse to live in unity of mankind. As she does with her place in the universe more deeply established she purges herself of the demonstrative ego of man and regains control through the unity she has brought to her children. In ways only a mother can know. This book explores the Hebrew Bible for evidence of comedy and further asks how reading the Hebrew Bible through a comic "lens" might positively inform feminist interpretation. The exploration is conducted with a number of Hebrew Bible narratives, all of which prominently involve female characters. An exploration of the scientific limits of knowledge that challenges our deep-seated beliefs about our universe, our rationality, and ourselves. Many books explain what is known about the universe. This book investigates what cannot be known. Rather than exploring the amazing facts that science, mathematics, and reason have revealed to us, this work studies what science, mathematics, and reason tell us cannot be revealed. In The Outer Limits of Reason, Noson Yanofsky considers what cannot be predicted, described, or known, and what will never be understood. He discusses the

limitations of computers, physics, logic, and our own thought processes. Yanofsky describes simple tasks that would take computers trillions of centuries to complete and other problems that computers can never solve; perfectly formed English sentences that make no sense; different levels of infinity; the bizarre world of the quantum; the relevance of relativity theory; the causes of chaos theory; math problems that cannot be solved by normal means; and statements that are true but cannot be proven. He explains the limitations of our intuitions about the world—our ideas about space, time, and motion, and the complex relationship between the knower and the known. Moving from the concrete to the abstract, from problems of everyday language to straightforward philosophical questions to the formalities of physics and mathematics, Yanofsky demonstrates a myriad of unsolvable problems and paradoxes. Exploring the various limitations of our knowledge, he shows that many of these limitations have a similar pattern and that by investigating these patterns, we can better understand the structure and limitations of reason itself. Yanofsky even attempts to look beyond the borders of reason to see what, if anything, is out there. Everybody knows and understands Pythagoras' theorem, but Maths Squared introduces you to the world of Einstein's relativity theory, Euclidean geometry, and the butterfly effect. A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the Edexcel GCSE Mathematics Foundation tier specification for first teaching from 2015, this Student Book provides full coverage of the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand concepts, apply techniques, solve problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as a free Teacher's Resource, Problem-solving Books and Homework Books. A conversational approach to what physics is, and why it's interesting. Part of the best-selling '...for Beginners' series that brings to life the wide world of physics. Rather than explaining details about how to do physics, this book focusses on explaining what different branches of physics are about, how we know about them, and what mysteries remain for budding physicists to uncover. It doesn't shy away from the hard stuff, tackling black holes, quantum mechanics and even Einstein's theories of relativity. A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Approved by AQA and created specifically for the GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book covers the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand concepts, apply techniques, solve problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as Problem-solving Books, Homework Books and a free Teacher's Resource. This book leads the author clearly and smoothly to a natural acceptance of the power of the group as therapist. The author's extensive experience in the field, together with her academic training and curiosity, has enabled her to weave the contributions of past and present theorists and practitioners into her thesis with masterful ease. No pretentious professional jargon obstructs our immediate grasp of the material; she builds her arguments from the basic to the sophisticated in clear and simple language, accessible to all.' - Israel Journal of Psychiatry 'This is a brilliant exposition written in a deceptively simple style. It is a must!' - Patrick de Mar 'Slowly group-analytic ideas and methods are contributing to the humanizing of psychiatry and to the great good of civil society. This book is a contribution to that process.' - Malcolm Pines In this clear and accessible text, Rachael Chazan argues the case for the classical analytic group and demonstrates its potential benefits. She applies the model to couples and multiple family groups, and groups with psychotic and borderline personalities, using illustrations from her own extensive clinical experience. In the final chapter she examines the role of the analytic group in ethical relating, and the development of a sense of justice and moral sensitivity in the light of the theories of Money-Kyrle and Piaget. Her thought-provoking conclusion is that the analytic group differs from Kant by replacing his listed codes of duty with empathy and reciprocity. Law of Attraction Secrets by Robert and Rachael Zink reveals the ancient mysteries plus the modern discoveries that teach success and nothing less science. Your ability to attract the life of your dreams relies on properly utilizing the science of Law of Attraction. Attraction is more than just secrets, it is a science. Each of the 20 life changing chapters unlocks step by step action and thought processes needed to live a life of success and nothing less. You have the power to attract everything you desire. Depicting with humor and insight the pressure to be outwardly perfect, this novel for ages 10-13 shows how one girl develops compassion for her own and others’ imperfections. For 13-year-old Isabelle Lee, whose father has recently died, everything's normal on the outside. Isabelle describes the scene at school with bemused accuracy--the self-important (but really not bad) English teacher, the boy that is constantly fixated on Ashley Barnum, the prettiest girl in class, and the dynamics of the lunchroom, where tables are turf in a all-eyes-open awareness of everybody's relative social position. But everything is not normal, really. Since the dealth of her father, Isabelle's family has only functioned on the surface. Her mother, who used to take care of herself, now wears only lumpy, ill-fitting clothes, cries all night, and has taken every picture of her dead husband and put them under her bed. Isabelle tries to make light of this, but the underlying tension is expressed in overeating and then binging. As the novel opens, Isabelle's little sister, April, has told their mother about Isabelle's problem. Isabelle is enrolled in group therapy. Who should show up there, too, but Ashley Barnum, the prettiest, most together girl in class. What happened to Franz-Josef Singer? A brilliant student and colleague of Albert Einstein, his name, along with that of his wife, disappeared from history during the final war-torn weeks of World War II. While working with Dr. Einstein on applications of his Relativity Theory, Franz-Josef's interest turned to the possibility of time travel into the future, an application that Einstein acknowledged as possible but for which he, himself held little interest. He did, however, encourage and occasionally assist his young protégée in pursuing his dream'. Now, Franz-Josef's Dream may destroy our world as we know it. The Nazi High Council, sensing that defeat was near and with Hitler's health in decline, developed a diabolical plot to turn his invention to their own use. Discovering their plan and realizing that the Nazis will never let him go, Franz decides that there is only one hope to protect society from the terrible future his invention has made possible. Knowing he will never see her again--he sends his nineteen-year-old daughter, Rachael, ahead...to the 21st century. Now...alone... thrust into a strange new time...chased by Gestapo agents...can Rachael Singer convince the world that Hitler is coming and plans on forming The Millennium Reich?