

[Books] A Rocket Scientists Guide To M E Richard Newlands

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The Rocket Scientists' Guide to Money and the Economy-Michael Sharp 2009 Have you ever opened up an economics textbook and looked for a definition of money? Chances are you haven't but if you have chances are you didn't find the definition. Introductory economics texts, and even advanced economics text, do a remarkably dismal job of revealing the nature of money. The closest the common man gets to a proper definition of money is that it is a medium of exchange, but a medium for exchanging what? To add to the problem, consider the fact that money is just pretty colored paper with no intrinsic value. It only becomes valuable because we (i.e. humans) give it value. But how do we give money value? Is it economics, politics, or black magic? The global economy is teetering on the brink of collapse and even the uber wealth admit it is true (as this Youtube interview demonstrates). Find out the truth about the nature of money and find out why debt and the easy way money can be accumulated is behind the growing crises of today. Find out what you need to know, and what we all need to do, to stave off global catastrophe. Discover the truth, save the world. "Read the Rocket Scientists Guide to Money and the Economy: Accumulation and Debt."

Advice to Rocket Scientists-Jim Longuski 2004 A former NASA engineer and astronautics professor offers down-to-earth advice and recommended reading on preparing for and surviving in science-related professions. This book is especially valuable for those who are attempting career transitions between the work place and academic environments.

Rocket Science: A Beginner's Guide to the Fundamentals of Spaceflight-Andrew Rader 2020-11-03 Sometimes it takes a rocket scientist to offer young readers the most engaging introduction to space travel, the solar system, and the universe. Earth's gravity keeps our feet on the ground, and also prevents us from soaring into space. So how do we explore that vast frontier? We use rockets! Discover how rockets work--from staging to orbits to power generation, from thermal control to navigation and more. Learn how rockets and other spacecraft travel to and explore the moon, Mars, Jupiter, and beyond. Speculate about the future of space exploration--and the possibility of extraterrestrial life. In a guide ideal for aspiring rocket engineers, planetary scientists, and others who love learning about space exploration, Galen Frazer's distinctive yet accessible illustrations pair perfectly with Andrew Rader's straightforward text, together taking readers to the edge of our knowledge of space travel.

Rocket Scientists' Guide to Authentic Spirituality-Michael Sharp 2010-06 In a world where anything goes when it comes to spirituality, this book is a refreshing attempt to develop measures and guidelines of spiritual authenticity. Starting with The Parable of the Blindfold and ending with The Seven Pillars of Authentic Spirituality, this book provides you the tools and information you need to judge for yourself whether the path you are travelling is authentic or not. What does it mean to travel an authentic spiritual path? What is spiritual awakening? What is spiritual empowerment? How can you tell if the path you are traveling is taking you where you want to go? How can you tell if you are making real progress or just languishing in the illusion of some pseudo guru or profiteering prophet? Your spiritual awakening and empowerment is much too important to leave to chance. Don't roll the dice! Get the book that gives you the tools to make the decision for yourself.

The Bluffer's Guide to Rocket Science-Peter Berlin 2008-09 Introduction Popular comment has it that "it doesn't take a rocket scientist to ...," as in "it doesn't take a rocket scientist to program a mobile phone." This is true—it takes a teenager. A rocket scientist would intellectualize the whole process, press two buttons at once, and crash the software. The last person you would want to ask is a rocket scientist. Blown opportunities Many more millionaires have gone bankrupt trying to develop rockets than satellites. They have overlooked the fact that the operative word in "controlled explosion" is controlled. Gravity depravity Nobody knows what gravity really is, so don't blow your bluffing cover by trying to explain it. The only thing known for certain is that any two physical bodies will attract each other in proportion to their sizes (which fact is best not taken literally by oddly sorted couples). Lunartrick One Sunday afternoon, the 12-year-old von Braun strapped rockets to a cart, lit the fuse, and

sent the fire-spitting vehicle careening down a street . . . His life-long aim was to send a rocket to the moon. It doesn't take a rocket scientist to figure out that flying a lunar mission is tricky.

How to Be a Rocket Scientist-Brett Hoffstadt 2014-12-28 Rocket science-or aerospace, as it is formally known-is the source of amazing accomplishments and benefits for humanity. From commercial aviation to GPS to Mars rovers, aerospace efforts also provide exciting and rewarding careers for a million people in the United States alone. But we have a problem...and it's bigger than Houston can solve! Actually there are several problems: > An earlier generation is entering retirement age, which will create shortages in skills and knowledge. Who will take their place? > The forces and velocities of change are putting large stresses on established aerospace organizations and approaches. How will they adapt? > Customers and citizens are still begging for affordable, safe, and reliable solutions that can only come from putting technology or people above planet Earth. What innovations will satisfy these demands? As Brett Hoffstadt explains, the single answer to these questions is "We need more rocket scientists!" Could you be one of them? Could one of them be in your classroom? Or your family? Distilled from over two decades of wide-ranging experience in the aerospace industry and written in a conversational style, within these tips are stories, quotes of wisdom, and specific resources help launch you on a course that can transform your dreams into reality. Even if your career journey is aimed toward another field, the tips that prove powerful for rocket scientists will give you unique propulsive force plus guidance, navigation, and controls (or GNC) for your own success. When you read this book you'll get 10 powerful tips to help you realize that Yes--YOU COULD BE a rocket scientist!

Not Necessarily Rocket Science-Kellie Gerardi 2020-11-17 The Aspiring Astronaut's Guide to Getting Lost in Outer Space It's not rocket science—or at least it doesn't have to be—because according to aerospace professional Kellie Gerardi, it's passion that drives space exploration. Follow Gerardi's non-traditional path in the space industry as she guides and encourages anyone who has ever dreamed about stars or galaxies far far away. Ever wondered what it might be like to work in space? In this candid guide, Gerardi offers an inside look into the industry beginning to eclipse Silicon Valley. Whether you have a space background or are just looking to learn about stars, Not Exactly Rocket Science confirms that there's room for anyone who is passionate about space exploration. Ready to contribute to humanity's next giant leap? With a space background and a mission to democratize access to space, this female astronaut candidate offers a front row seat to the final frontier—finally proving that it's not rocket science. From her adventures training for Mars to testing spacesuits in microgravity, this unique handbook provides inspiration and guidance for aspiring astronauts everywhere. Look inside for answers to questions like: Will there be beer on Mars? Why do I need to do one-handed pushups in microgravity? How can I possibly lose a fortune in outer space? If you enjoyed books like Letters from an Astrophysicist, An Astronaut's Guide to Life on Earth, or Packing for Mars, then you'll love Not Exactly Rocket Science.

The Seven Secrets of How to Think Like a Rocket Scientist-James Longuski 2007-05-26 This book translates "thinking like a rocket scientist" into every day thinking so it can be used by anyone. It's short and snappy and written by a rocket scientist. The book illustrates the methods (the 7 secrets) with anecdotes, quotations and biographical sketches of famous scientists, personal stories and insights, and occasionally some space history. The author reveals that rocket science is just common sense applied to the extraordinarily uncommon environment of outer space and that rocket scientists are people, too. It is intended for "armchair" scientists, and for those interested in popular psychology, space history, and science fiction films.

Coffee Isn't Rocket Science-Sebastien Racineux 2018-04-03 This fully-illustrated, highly-informative, and fun primer presents a whole new way to know and enjoy any type of coffee. In the same format as the highly-praised Wine Isn't Rocket Science. Rocket science is complicated, coffee doesn't have to be! With information presented in an easy, illustrated style, and chock-full of the fool-proof and reliable knowledge of a seasoned barista, COFFEE ISN'T ROCKET SCIENCE is the guide you always wished existed. From how coffee beans are grown, harvested and turned into coffee, the history and flavor profiles of beans from every country, making pour-overs, cold brew,

and latte art, and the cultural practices of drinking coffee around the world, this book explains it all in the simplest way possible. All information is illustrated in charming and informative four-color drawings that explain concepts at a glance.

A Rocket Scientist's Guide to M.E.-Richard Newlands 2015-01-19 Rick's book is a wry and acerbic account of his experiences of the illness, including hints and suggestions for fellow M.E. sufferers. You might just learn a bit of rocket science too. M.E. is a depressing subject. Most M.E. books are so woeful you want to reach for the razor blades. So he's tried to lighten-up this book; who wants to read a dire book when you're feeling miserable already? He pulls no punches: those of the medical profession that have helped him he praises. Those that were useless, obstructive, or frankly bizarre, come in for damning criticism. He discusses the efficacy of current 'best practices' and why a tobacco enema is a bad idea. Included is a hypothesis about what M.E. might be, and how it could be tackled by future research. Though written from a British perspective, he hopes this book will help and amuse M.E sufferers and their carers worldwide. Please bear in mind that he's a rocket scientist, not a doctor, but he likes to think he's got a handle on M.E.

Think Like a Rocket Scientist-Ozan Varol 2020-04-14 * One of Inc.com's "6 Books You Need to Read in 2020 (According to Bill Gates, Satya Nadella, and Adam Grant)"* Adam Grant's # 1 pick of his top 20 books of 2020* One of 6 Groundbreaking Books of Spring 2020 (according to Malcolm Gladwell, Susan Cain, Dan Pink, and Adam Grant). A former rocket scientist reveals the habits, ideas, and strategies that will empower you to turn the seemingly impossible into the possible. Rocket science is often celebrated as the ultimate triumph of technology. But it's not. Rather, it's the apex of a certain thought process -- a way to imagine the unimaginable and solve the unsolvable. It's the same thought process that enabled Neil Armstrong to take his giant leap for mankind, that allows spacecraft to travel millions of miles through outer space and land on a precise spot, and that brings us closer to colonizing other planets. Fortunately, you don't have to be a rocket scientist to think like one. In this accessible and practical book, Ozan Varol reveals nine simple strategies from rocket science that you can use to make your own giant leaps in work and life -- whether it's landing your dream job, accelerating your business, learning a new skill, or creating the next breakthrough product. Today, thinking like a rocket scientist is a necessity. We all encounter complex and unfamiliar problems in our lives. Those who can tackle these problems -- without clear guidelines and with the clock ticking -- enjoy an extraordinary advantage. Think Like a Rocket Scientist will inspire you to take your own moonshot and enable you to achieve liftoff.

This Is Rocket Science-Gloria Skurzynski 2010 A history of rockets and rocket science, from the Chinese discovery of gunpowder to the development of nuclear spacecraft and rockets that sail on the solar winds.

This Is Rocket Science: An Activity Guide-Emma Vanstone 2018-04-17 Building a rocket and learning about science has never been easier with This Is Rocket Science: An Activity Guide. Fun experiments for kids and adults teach you how to build mind-blowing projects, each designed to show how mechanical science and astrophysics work from the inside out. Use everyday items like bottles, cardboard, glue and tape to build awesome rocket ships, paper spinners and mobile rocket launch pads, all while learning concepts like Newton's Third Law of motion (for every action there is always an opposite and equal reaction), speed, gravity and air resistance. Kids learn to make scientific observations, ask questions, identify and classify and find answers to their questions, all while investigating space. This book will feature 70 activities and 60 photographs.

Wine Isn't Rocket Science-Ophelie Neiman 2017-04-25 Rocket science is complicated, wine doesn't have to be! With information presented in an easy, illustrated style, and chock-full of the fool-proof and reliable knowledge of a seasoned oenophile, Wine Isn't Rocket Science is the guide you always wished existed. From how grapes are grown, harvested and turned into wine, to judging the color, aroma, and taste of the world's most popular varietals, to understanding terroir and feeling confident ordering and serving wine at any occasion, this book explains it all in the simplest possible way. Every page, every piece of information, and every detail is illustrated in charming and informative four-color drawings that explain concepts at a glance. Includes detailed information on the following varietals (wine made from a particular grape) in the order in which they're presented in the book: WhiteChardonnaySauvignon BlancCheninGewürztraminerViognierSemillonRieslingMarsanne BlendRolle-VermantinoMuscatPinot Grigio/GrisPinot BlancMuscadetSoaveAlbarinoTorrantesGruner VeltlinerAssyrtikoChampagneCavaProsecco RedPinot NoirCabernet-SauvignonMerlotCabernet-FrancMalbecPetit VerdotBordeaux BlendSyrahGrenacheMourvedreCarignanRhone/GSM BlendGamayNebbioloSangioveseBarberaValpolicella BlendAglanicoMontepulcianoNero D'AvolaNegroamaroZinfandelPetit SirahCarmenereTempranilloMenciaTouriga NacionalPinotageBlaufrankischLambruscoRose DessertPortSherry MarsalaMadeiraVin SantoSauternesTokaji Ice Wine

Path to the Stars-Sylvia Acevedo 2018-09-04 The inspiring memoir for young readers about a Latina rocket scientist whose early life was transformed by joining the Girl Scouts and who currently serves as CEO of the Girl

Scouts of the USA. A meningitis outbreak in their underprivileged neighborhood left Sylvia Acevedo's family forever altered. As she struggled in the aftermath of loss, young Sylvia's life transformed when she joined the Brownies. The Girl Scouts taught her how to take control of her world and nourished her love of numbers and science. With new confidence, Sylvia navigated shifting cultural expectations at school and at home, forging her own trail to become one of the first Latinx to graduate with a master's in engineering from Stanford University and going on to become a rocket scientist at NASA's Jet Propulsion Laboratory. Simultaneously available in Spanish!

Rocket Science for the Rest of Us-Ben Gilliland 2015-04-07 All new content. Cutting-edge concepts made simple. Media reportage on the latest scientific discoveries and breakthroughs--from black holes, dark matter, and exoplanets to leap seconds and Planck time--can be a foreign language. Get to grips with these difficult concepts by reading Ben Gilliland's unique take on them. With fun graphics and clear explanations, this book will have you saying "I get it now!" over and over again. Some of it may actually be rocket science, but you don't have to be a rocket scientist to understand it.

An Unconventional Guide To Rocket Science-Praveen T 2019-09-03 Have you ever used the phrase "it isn't Rocket Science" because something was difficult? Have you ever wondered how these complex rockets work? Ever wanted to learn about rockets but refrained from doing so because you weren't mathematically inclined? Imagine if one could teach you the principles of Rocket science, without complex Engineering and nearly zero mathematics; fascinating right? "An Unconventional Guide to Rocket Science" follows an unconventional, layman friendly approach to explain the complex concepts of Rocket science, which is easily comprehensible in the first read, even for a non-mathematical person! If you ever wanted to learn and explore the fascinating world of Rocketry in a single place, undoubtedly you're in the right place!

Rocket Science-Andrew Rader 2017-12-15 Ever wonder how spaceships work? Rocket Science is a tour of the latest in spacecraft technology and planetary exploration by real-life aerospace engineer Andrew Rader and illustrator Galen Frazer. Explaining the physics of space travel in a way that's easy to understand, the book is accessible to anyone. It's sure to ignite the imagination of kids of all ages, and even curious adults. How do rockets work? Why do they use staging? What's an orbit? Is there gravity in space? How did we get to the Moon? How would we get to Mars? Could we get to another star? These are just a few of the questions discussed in Rocket Science. Rocket Science is primarily aimed at kids in the 6-10 range, but its illustrations would be appealing to younger kids if parents were reading, and the book is even suitable as a light reader for adults interested in learning a thing or two about space engineering and planetary science. This hardcover book features 42 full spread illustrations by professional graphic artist Galen Frazer. Rocket Science is the third book by Andrew and Galen, the first two being Epic Space Adventure and Mars Rover Rescue, which were aimed at younger kids.

I Can Be a Rocket Scientist-Anna Claybourne 2020-08-27 Do you have what it takes to be a rocket scientist? Yes, of course you do - and this action-packed book will prove it! Doodle the designs for your own space launch; build a prototype rocket from a plastic bottle; and solve an awesome solar system wordsearch! While you're drawing, making and playing, you'll be learning all kinds of exciting facts and ideas about the world of S.T. E.M - science, technology, engineering, and maths. This book supports the key stage 1 (KS1) and key stage 2 (KS2) curriculum and is great for home learning. An awesome book for both boys and girls, aged 7+.

The Rocket Book-Robert L. Cannon 1985

Introduction to Rocket Science and Engineering-Travis S. Taylor 2017-04-07 Introduction to Rocket Science and Engineering, Second Edition, presents the history and basics of rocket science, and examines design, experimentation, testing, and applications. Exploring how rockets work, the book covers the concepts of thrust, momentum, impulse, and the rocket equation, along with the rocket engine, its components, and the physics involved in the generation of the propulsive force. The text also presents several different types of rocket engines and discusses the testing of rocket components, subsystems, systems, and complete products. The final chapter stresses the importance for rocket scientists and engineers to creatively deal with the complexities of rocketry. The Kerbal Player's Guide-Jon Manning 2016-11-10 Kerbal Space Program (KSP) is a critically acclaimed, bestselling space flight simulator game. It's making waves everywhere from mainstream media to the actual space flight industry, but it has a bit of a learning curve. In this book, five KSP nerds—including an astrophysicist—teach you everything you need to know to get a nation of tiny green people into space. KSP is incredibly realistic. When running your space program, you'll have to consider delta-V budgets, orbital mechanics, Hohmann transfers, and more. This book is perfect for video game players, simulation game players, Minecrafters, and amateur astronomers. Design, launch, and fly interplanetary rockets Capture an asteroid and fly it into a parking orbit Travel to distant planets and plant a flag Build a moon rover, and jump off a crater ridge Rescue a crew-mate trapped in deep space

An Unconventional Guide To Rocket Science-Praveen T 2019-09-03 Have you ever used the phrase “it isn’t Rocket Science” because something was difficult? Have you ever wondered how these complex rockets work? Ever wanted to learn about rockets but refrained from doing so because you weren’t mathematically inclined? Imagine if one could teach you the principles of Rocket science, without complex Engineering and nearly zero mathematics; fascinating right? “An Unconventional Guide to Rocket Science” follows an unconventional, layman friendly approach to explain the complex concepts of Rocket science, which is easily comprehensible in the first read, even for a non-mathematical person! If you ever wanted to learn and explore the fascinating world of Rocketry in a single place, undoubtedly you’re in the right place!

Remedial Rocket Science-Susannah Nix 2017-06-21

Make: Rockets-Mike Westerfield 2014-08-21 This book teaches the reader to build rockets--powered by compressed air, water, and solid propellant--with the maximum possible fun, safety, and educational experience. Make: Rockets is for all the science geeks who look at the moon and try to figure out where Neil Armstrong walked, watch in awe as rockets lift off, and want to fly their own model rockets. Starting with the basics of rocket propulsion, readers will start out making rockets made from stuff lying around the house, and then move on up to air-, water-, and solid propellant-powered rockets. Most of the rockets in the book can be built from parts in the Estes Designer Special kit.

It's Not Rocket Science-Ben Miller 2012-07-12 The Top Ten Bestseller Black holes. DNA. The Large Hadron Collider. Ever had that sneaking feeling that you are missing out on some truly spectacular science? You do? Well, fear not, for help is at hand. Ben Miller was working on his Physics PhD at Cambridge when he accidentally became a comedian. But first love runs deep, and he has returned to his roots to share with you all his favourite bits of science. This is the stuff you really need to know, not only because it matters but because it will quite simply amaze and delight you. 'Let me show you another, perhaps less familiar side of Science; her beauty, her seductiveness and her passion. And let's do it quickly, while Maths isn't looking' Ben Miller 'This book makes climate change actually seem interesting. Not just important - it's obviously important - but interesting. As a result I bought lots of other books about climate change, something I now regret' David Mitchell Ben Miller is, like you, a mutant ape living through an Ice Age on a ball of molten iron, orbiting a supermassive black hole. He is also an actor, comedian and approximately one half of Armstrong & Miller. He's presented a BBC Horizon documentary on temperature and a Radio 4 series about the history of particle physics, and has written a science column for The Times. He is slowly coming to terms with the idea that he may never be an astronaut.

The Official Rocket Science Guide to Loadstar-Jay Trimble 1995-01-01 Based on the first game released by Rocket Science that features an escape from a 22nd-century Moon base, this book covers game basics, layout, insider tips and strategies. The author also includes information about the game's creation. This is the only officially sanctioned guide to Loadstar.

Amelia Bedelia, Rocket Scientist?-Herman Parish 2007-02-06 When Amelia Bedelia helps out at the school science fair, she finds an exploding volcano, some UFOs, and a mad scientist!

Mystics-William Harmless 2008 In Mystics, William Harmless, S.J., introduces readers to the scholarly study of mysticism. He explores both mystics' extraordinary lives and their no-less-extraordinary writings using a unique case-study method centered on detailed examinations of six major Christian mystics: Thomas Merton, Bernard of Clairvaux, Hildegard of Bingen, Bonaventure, Meister Eckhart, and Evagrius Ponticus. Rather than presenting mysticism as a subtle web of psychological or theological abstractions, Harless's case-study approach brings things down to earth, restoring mystics to their historical context.

It's ONLY Rocket Science-Lucy Rogers 2008-03-08 Most amateur astronomers - and many of those with similar interests but who are not currently practising observers - have only a sketchy understanding of space flight. This book provides an introduction to its mechanics. The beauty of this book, written by an engineer who is also an accomplished science writer, is that it covers the subject comprehensively, and yet is almost entirely descriptive and non-mathematical. It deals with all aspects of space flight, from how to leave the Earth (including the design of the rocket, mission planning, navigation and communication), to life in space and the effects of weightlessness. The book also includes sections describing how an amateur can track satellites and understand their orbital parameters.

Rocket Science for Babies-Chris Ferrie 2017-05-02 Fans of Chris Ferrie's ABCs of Biology, ABCs of Space, and Quantum Physics for Babies will love this introduction to aerospace engineering for babies and toddlers! Help your future genius become the smartest baby in the room! It only takes a small spark to ignite a child's mind. Written by an expert, Rocket Science for Babies is a colorfully simple introduction to aerospace engineering. Babies (and grownups!) will learn about the basics of how lift and thrust make things fly. With a tongue-in-cheek approach that adults will love, this installment of the Baby University board book series is the perfect way to introduce basic concepts to even the youngest scientists. After all, it's never too early to become a rocket

scientist! If you're looking for engineer board books, infant science books, or more Baby University board books to surprise your little one, look no further! Rocket Science for Babies offers fun early learning for your little scientist!

It's Not Rocket Science-Dave Anderson 2015-09-11 Stop chasing hot trends and start driving real growth It's Not Rocket Science blasts through the trends and false promises permeating the business world to help you and your company get back to basics and get things done. Why doggedly pursue the "next big thing" when the most effective drivers of growth are right under your nose? This book asserts that you've already heard, been taught, and know well the key fundamentals that spell business success, and presents a compelling, four strategy blueprint for returning your business culture and strategies to a rock solid foundation of execution excellence.

Each chapter opens with The Challenge, which outlines a current condition that exists due to a departure from common sense behaviors, and tasks you with following the appropriate execution principles to get your business on the right track. After a thorough explanation of "what" and "why," each chapter gives you the actionable "how" so you can implement these valuable steps and master the art of execution in your organization. Shifting sands do not make for a sustainable structure. If your organization is to be robust and strong enough to weather any storm, the strength must come from the very core; the ability for each member of your team to execute daily and effectively towards your organization's most compelling goals. Frankly, the last things most organizations need is another goal they'll miss because they can't execute well. This book reminds you of the four timeless execution methods and strategies that have proven themselves over centuries, and shows you how they are implemented in today's business environment. Get the leaders right Get the culture right Get the people right Get the process right Today's flash in the pan may be superficially intriguing, but is it really that much different from yesterday's "hot tip"? Fundamentals are fundamental for a reason, and It's Not Rocket Science is the common sense guide to putting away flavor-of-the-month toys and getting down to business.

Ignition!-John Drury Clark 2018-05-23 This newly reissued debut book in the Rutgers University Press Classics Imprint is the story of the search for a rocket propellant which could be trusted to take man into space. This search was a hazardous enterprise carried out by rival labs who worked against the known laws of nature, with no guarantee of success or safety. Acclaimed scientist and sci-fi author John Drury Clark writes with irreverent and eyewitness immediacy about the development of the explosive fuels strong enough to negate the relentless restraints of gravity. The resulting volume is as much a memoir as a work of history, sharing a behind-the-scenes view of an enterprise which eventually took men to the moon, missiles to the planets, and satellites to outer space. A classic work in the history of science, and described as “a good book on rocket stuff...that’s a really fun one” by SpaceX founder Elon Musk, readers will want to get their hands on this influential classic, available for the first time in decades.

The Seven Secrets of How to Think Like a Rocket Scientist-James Longuski 2010-10-29 This book translates "thinking like a rocket scientist" into every day thinking so it can be used by anyone. It's short and snappy and written by a rocket scientist. The book illustrates the methods (the 7 secrets) with anecdotes, quotations and biographical sketches of famous scientists, personal stories and insights, and occasionally some space history. The author reveals that rocket science is just common sense applied to the extraordinarily uncommon environment of outer space and that rocket scientists are people, too. It is intended for "armchair" scientists, and for those interested in popular psychology, space history, and science fiction films.

Whisky, it's not rocket science-Hamlyn 2020-05-05 Life is complicated. Whisky doesn't have to be! Whisky: It's Not Rocket Science is the ultimate guide to one of the world's most popular spirits. Whether you're a novice looking to build your whisky bar, or a seasoned whisky-drinker who'd like to know more about what's in your glass, Whisky: It's Not Rocket Science is bursting with information, accompanied throughout by colourful infographics. Learn about... - how whisky is made - how to taste - visiting a distillery - flavor profiles - cocktails - world whiskies ...and so much more

Rise of the Rocket Girls-Nathalia Holt 2016-04-05 The riveting true story of the women who launched America into space. In the 1940s and 50s, when the newly minted Jet Propulsion Laboratory needed quick-thinking mathematicians to calculate velocities and plot trajectories, they didn't turn to male graduates. Rather, they recruited an elite group of young women who, with only pencil, paper, and mathematical prowess, transformed rocket design, helped bring about the first American satellites, and made the exploration of the solar system possible. For the first time, Rise of the Rocket Girls tells the stories of these women -- known as "human computers" -- who broke the boundaries of both gender and science. Based on extensive research and interviews with all the living members of the team, Rise of the Rocket Girls offers a unique perspective on the role of women in science: both where we've been, and the far reaches of space to which we're heading. "If Hidden Figures has you itching to learn more about the women who worked in the space program, pick up Nathalia Holt's lively, immensely readable history, Rise of the Rocket Girls." -- Entertainment Weekly

ROCKETRY-Carla Mooney 2014-09-16 Rocketry: Investigate the Science and Technology of Rockets and Ballistics introduces students to the fascinating world of rocketry and ballistics. Readers discover the history of rocket development, from the earliest fire arrows in China to modern-day space shuttles, as well as the main concepts of rocketry, including how rockets are launched, move through the atmosphere, and return to earth safely. Exploring the science behind rocket flight, kids learn how the forces of thrust, gravity, lift, and drag interact to determine a rocket's path, then imagine new uses and technologies in rocketry that are being developed today and for the future. Combining hands-on activities with physics, chemistry, and mathematics, Rocketry brings fun to learning about the world of rocket science. Entertaining illustrations and fascinating sidebars illuminate the topic, while Words to Know highlighted and defined within the text reinforce new vocabulary. Projects include building a pneumatic blast rocket and launcher, testing a rocket recovery system, and designing a rocket model of the future. Additional materials include a glossary, and a list of current reference works, websites, and Internet resources. This title meets Common Core State Standards for literacy in science and technology; Guided Reading Levels and Lexile measurements indicate grade level and text complexity.

Introduction to Rocket Science and Engineering-Travis S. Taylor 2009-02-24 An overall view of the vast spectrum of knowledge needed by practicing rocket scientists and engineers, Introduction to Rocket Science and Engineering presents the history and basics of rocket theory, design, experimentation, testing, and applications. It covers an array of fields, from advanced mathematics, chemistry, and physics to logistics, systems engineering, and politics. The text begins with a discussion on the discovery and development of rockets as well as the basic principles governing rockets and rocket science. It explains why rockets are needed from economic, philosophical, and strategic standpoints and looks at why the physics of the universe forces us to use rockets to complete certain

activities. Exploring how rockets work, the author covers the concepts of thrust, momentum, impulse, and the rocket equation, along with the rocket engine, its components, and the physics involved in the generation of the propulsive force. He also presents several different types of rocket engines and discusses the testing of rocket components, subsystems, systems, and complete products. The final chapter stresses the importance of rocket scientists and engineers to think of the unusual, unlikely, and unthinkable when dealing with the complexities of rocketry. Taking students through the process of becoming a rocket scientist or engineer, this text supplies a hands-on understanding of the many facets of rocketry. It provides the ideal foundation for students to continue on their journey in rocket science and engineering.

Rocket Boys-Homer H. Hickam 2000 The author traces the boyhood enthusiasm for rockets that eventually led to a career at NASA, describing how he built model rockets in the family garage in West Virginia, inspired by the launch of the Soviet satellite Sputnik. Reprint.

I Can Be a Science Detective-Anna Claybourne 2020-08-27 Do you have what it takes to be a science detective? Yes, of course you do - and this action-packed book will prove it! Find the clues in a picture to catch a thief; follow the instructions on the page to extract DNA from strawberries (yes, really!); learn all about fingerprints; and doodle your own super-science crime lab! While you're drawing, making, and playing, you'll be learning all kinds of exciting facts and ideas about the world of S.T. E.M - science, technology, engineering, and maths. This book supports the key stage 1 (KS1) and key stage 2 (KS2) curriculum and is great for home learning. An awesome book for both boys and girls, aged 7+.