

Think Like An Astronaut How Do Rockets Work Science For Kids Childrens Astronomy Space Books

An authorized portrait of the first astronaut to set foot on the moon sheds light on other aspects of his career, from the honors he received as a naval aviator to the price he and his family paid for his professional dedication.

This educational tool gives a new meaning to "rocket science." Contrary to what was previously agreed, rocket science doesn't have to be too difficult. It can actually be presented in a way that's easy for young learners to understand. The secret? Pictures! With the right

placement of images and selected texts, pictures can become the secret to effective study. Grab a copy today! Shortlisted for the Arthur C. Clarke Award 2020! "A

terrifying tour de force." --James Rollins "Readers will be riveted." --Publishers Weekly (starred review) Sally

Jansen was NASA's leading astronaut, until a mission to Mars ended in disaster. Haunted by her failure, she lives in quiet anonymity, convinced her days in space are over. She's wrong. A large alien object has entered the

solar system on a straight course toward Earth. It has made no attempt to communicate. Out of time and out of options, NASA turns to Jansen. But as the object reveals

its secrets, Jansen and her crew find themselves in a desperate struggle for survival -- against the cold vacuum of space, and something far, far worse...

"Breathless, compulsive reading." --Christopher Golden

"A suspenseful, fast-paced story of first contact." --Kirkus

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Blast-off! Up into the sky goes the space shuttle. Into orbit, the astronauts get a taste of ready-to-eat food, experience zero gravity, go for space walks, and even fix a satellite. It's fun to fly aboard the shuttle...and then come back to earth. 'A young girl declares her longing to 'fly on the shuttle into outer space.' The familiar acts of eating, sleeping, and working become intense and special as she and the rest of the crew go about their business. The illustrations positively glow in this simple, lyrical picture book that will have nearly everyone off and flying.' —SLJ. Notable Children's Book of 1988 (ALA) 1988 Fanfare Honor List (The Horn Book) Best Illustrated Children's Books of 1988 (NYT) Outstanding Science Trade Books for Children 1988 (NSTA/CBC) Think Like an Astronaut! How Do Rockets Work? - Science for Kids - Children's Astronomy & Space BooksPfiffikus

Written and published by Dee Phillips, "I Want to Be an Astronaut: A Kids Book About Astronauts" is a non-fiction marvel that's filled with bright colored illustrations and informative text that is specifically geared to space loving kids. "I Want to be an Astronaut..." delivers lots of fun facts about astronauts and space. The short blocks of text are easy to understand and perfect for kids who already have the skill of reading. For younger kids, it is a wonderful book for parents and kids to share together. In this book, kids will learn about their dream of becoming an astronaut, as well as some interesting facts about some famous astronauts, like Neil Armstrong and Buzz Aldrin. With all the marvelous pictures and compelling text, kids will want to read this book over and over to get

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the most out of its pages. Nurture your child's dream of becoming an astronaut and provide a fun learning experience for them at the same time with this great book.

Travel to space and back with astronaut Chris Hadfield's "enthraling" bestseller as your eye-opening guide (Slate). Colonel Chris Hadfield has spent decades training as an astronaut and has logged nearly 4000 hours in space. During this time he has broken into a Space Station with a Swiss army knife, disposed of a live snake while piloting a plane, and been temporarily blinded while clinging to the exterior of an orbiting spacecraft. The secret to Col. Hadfield's success-and survival-is an unconventional philosophy he learned at NASA: prepare for the worst- and enjoy every moment of it. In *An Astronaut's Guide to Life on Earth*, Col. Hadfield takes readers deep into his years of training and space exploration to show how to make the impossible possible. Through eye-opening, entertaining stories filled with the adrenaline of launch, the mesmerizing wonder of spacewalks, and the measured, calm responses mandated by crises, he explains how conventional wisdom can get in the way of achievement — and happiness. His own extraordinary education in space has taught him some counterintuitive lessons: don't visualize success, do care what others think, and always sweat the small stuff. You might never be able to build a robot, pilot a spacecraft, make a music video or perform basic surgery in zero gravity like Col. Hadfield. But his vivid and refreshing insights will teach you how to think like an astronaut, and will change, completely, the way you view

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life on Earth — especially your own. "Hadfield proves himself to be not only a fierce explorer of the universe, but also a deeply thoughtful explorer of the human condition." —Maria Popova, Brain Pickings

How to become an Astronaut for KIDS! Start your child's Astronaut training and Go to the moon and back!

Specially designed for kids ages 5 - 12. Do YOU know how to become an Astronaut? What do you do when your little girl or boy says, "I wanna be an Astronaut when I grow up!" and you don't know yourself!? Here it is, you can put this in her or his little hands and say "This is it kid, your handbook for becoming an astronaut!"

ENGAGING pics with just the right amount of words helps your child learn, and at their own pace, because they want to! We should never make the mistake of "dumbing down" our material for what we "perceive" as the right difficulty level for a certain age. Let your kid decide. This book starts out super simple and then gets a little more technical in the end. Just right for all ages!

Astronaut training, the Apollo 11 mission, and a very detailed journey to the moon and back and much much more! All with fabulous full-color FULL-PAGE photos in this book to get your kids motivated! Help your kid learn to read - he or she will WANT to read this if they like planes or want to be an astronaut. Children need role models today, additionally READING -instead of playing video games- should be more encouraged. This is an INTERACTIVE book with lots of Videos--no Apps required!. DEFINITIONS for the harder words are provided to ADVANCE reading skills and comprehension. Razor-sharp graphics and DIAGRAMS

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to explain the cool parts of the spacecraft and ANSWER all of those questions your kids might have :-)! 80+ pages of LARGE PRINT (16pt.) 8.5 x 11" More Detailed Breakdown: Becoming an Astronaut NASA's requirements to become an Astronaut Astronaut training The Centrifuge Weightlessness Training Weightlessness training in the swimming pool Zero G Aircraft "The Vomit Comet" Astronaut Suits How Does a Rocket Engine Work? The Moon Mission - Apollo 11 Neil Armstrong Buzz Aldrin Michael Collins The Saturn V Rocket and rocket stages The Apollo Spacecraft: The Apollo Command Module The Apollo Service Module The Command and Service Module The Apollo Lunar Module Going to the Moon - Step by Step Gravity on the Moon Moon Buggies Manned Maneuvering Unit (MMU) Returning from the Moon and REENTRY! And more!... This book motivates by linking cool pics for kids to cool content - WORDS Scroll up and grab a copy today! OBLITERATE THE LEADERSHIP GAP!

www.Kidsbooks.Club

When it comes to Mars, the focus is often on how to get there: the rockets, the engines, the fuel. But upon arrival, what will it actually be like? In 2013, Kate Greene moved to Mars. That is, along with five fellow crew members, she embarked on NASA's first HI-SEAS mission, a simulated Martian environment located on the slopes of Mauna Loa in Hawai'i. For four months she lived, worked, and slept in an isolated geodesic dome, conducting a sleep study on her crew mates and gaining incredible insight into human behavior in tight quarters, as well as the nature of boredom, dreams, and isolation that arise amidst the promise of scientific progress and glory. In *Once Upon a Time I Lived on*

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Mars, Greene draws on her experience to contemplate humanity's broader impulse to explore. The result is a twined story of space and life, of the standard, able-bodied astronaut and Greene's brother's disability, of the lag time of interplanetary correspondences and the challenges of a long-distance marriage, of freeze-dried egg powder and fresh pineapple, of departure and return. By asking what kind of wisdom humanity might take to Mars and elsewhere in the Universe, Greene has written a remarkable, wide-ranging examination of our time in space right now, as a pre-Mars species, poised on the edge, readying for launch.

From "America's nerviest journalist" (Newsweek)--a breathtaking epic, a magnificent adventure story, and an investigation into the true heroism and courage of the first Americans to conquer space. "Tom Wolfe at his very best" (The New York Times Book Review) Millions of words have poured forth about man's trip to the moon, but until now few people have had a sense of the most engrossing side of the adventure; namely, what went on in the minds of the astronauts themselves - in space, on the moon, and even during certain odysseys on earth. It is this, the inner life of the astronauts, that Tom Wolfe describes with his almost uncanny empathetic powers, that made *The Right Stuff* a classic.

NEW YORK TIMES BESTSELLER • Have you ever wondered what it would be like to find yourself strapped to a giant rocket that's about to go from zero to 17,500 miles per hour? Or to look back on Earth from outer space and see the surprisingly precise line between day and night? Or to stand in front of the Hubble Space Telescope, wondering if the emergency repair you're about to make will inadvertently ruin humankind's chance to unlock the universe's secrets? Mike Massimino has been there, and in *Spaceman* he puts you inside the suit, with all the zip and buoyancy of life in

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microgravity. Massimino's childhood space dreams were born the day Neil Armstrong set foot on the moon. Growing up in a working-class Long Island family, he catapulted himself to Columbia and then MIT, only to flunk his first doctoral exam and be rejected three times by NASA before making it through the final round of astronaut selection. Taking us through the surreal wonder and beauty of his first spacewalk, the tragedy of losing friends in the Columbia shuttle accident, and the development of his enduring love for the Hubble Telescope—which he and his fellow astronauts were tasked with saving on his final mission—Massimino has written an ode to never giving up and the power of teamwork to make anything possible. Spaceman invites us into a rare, wonderful world where science meets the most thrilling adventure, revealing just what having “the right stuff” really means.

If I were an astronaut, I would zoom into outer space! I would help fix the International Space Station. Dream big, and see what fun it is to be an astronaut.

"The Astronaut Instruction Manual is a fantastic and vibrant preparatory guide for today's youth — whether their futures are off in space or right here...on Earth." — Lori Garver, Former NASA Deputy Administrator Endorsed by authors, teachers, and congressman alike, Mike Mongo's Astronaut Instruction Manual excites a new generation of space explorers. The book, designed for children between the ages of 6 and 13, is a functioning, interactive instruction manual. Using mad-lib-style fill-in-the-blanks, Mongo encourages his readers to articulate and illustrate their own vision of next-generation space travel. The Astronaut Instruction Manual captures a new era of enthusiasm for space exploration, driven in part by new space celebrities (Commander Chris Hadfield, Elon Musk), and in part by a shift in popular interest in space (SpaceX rockets, The Mars Colonial Transporter,

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Kerbal).

NEW YORK TIMES BESTSELLER • The riveting inside story of three heroic astronauts who took on the challenge of mankind's historic first mission to the Moon, from the bestselling author of *Shadow Divers*. "Robert Kurson tells the tale of Apollo 8 with novelistic detail and immediacy."—Andy Weir, #1 New York Times bestselling author of *The Martian* and *Artemis* By August 1968, the American space program was in danger of failing in its two most important objectives: to land a man on the Moon by President Kennedy's end-of-decade deadline, and to triumph over the Soviets in space. With its back against the wall, NASA made an almost unimaginable leap: It would scrap its usual methodical approach and risk everything on a sudden launch, sending the first men in history to the Moon—in just four months. And it would all happen at Christmas. In a year of historic violence and discord—the Tet Offensive, the assassinations of Martin Luther King, Jr., and Robert Kennedy, the riots at the Democratic National Convention in Chicago—the Apollo 8 mission would be the boldest, riskiest test of America's greatness under pressure. In this gripping insider account, Robert Kurson puts the focus on the three astronauts and their families: the commander, Frank Borman, a conflicted man on his final mission; idealistic Jim Lovell, who'd dreamed since boyhood of riding a rocket to the Moon; and Bill Anders, a young nuclear engineer and hotshot fighter pilot making his first space flight. Drawn from hundreds of hours of one-on-one interviews with the astronauts, their loved ones, NASA personnel, and myriad experts, and filled with vivid and unforgettable detail, *Rocket Men* is the definitive account of one of America's finest hours. In this real-life thriller, Kurson reveals the epic dangers involved, and the singular bravery it took, for mankind to leave Earth for the first time—and arrive at a new world. "Rocket Men is a riveting introduction to the

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[Apollo 8] flight. . . . Kurson details the mission in crisp, suspenseful scenes. . . . [A] gripping book.”—The New York Times Book Review

“Beautifully written, making a prominent figure readily accessible to children.” -School Library Journal The second picture book from astronaut Scott Kelly follows his adventure-seeking travels through some of the wild places he's slept! Young readers will be delighted by the playful text and encouraging message to dream of the stars. Scott Kelly was born for adventure. But exploring takes a lot of energy--and sleep is the super fuel to turbocharge dreams. Luckily, sleeping can be exciting if you're drifting off in the right place. Scott has fallen asleep at the bottom of the ocean, in the cockpit of an F-14 fighter jet, in a yurt on Mount Everest, and of course in space! Join Scott on his many adventures, and maybe they'll inspire dreams of your own! This sweet and adventurous story is the perfect bedtime tale for future astronauts and adventurers!

Was it fun to do a space walk? How squashed were you in the capsule on the way back? What were your feelings as you looked down on Earth for the first time? Were you ever scared? Where to next -- the Moon, Mars, or beyond? Based on his historic mission to the International Space Station, Ask an Astronaut is Tim Peake's guide to life in space, and his answers to the thousands of questions he has been asked since his return to Earth. With explanations ranging from the mundane -- how do you wash your clothes or go to the bathroom while in orbit? -- to the profound -- what's the point? -- all written in Tim's characteristically warm style, Tim shares his thoughts on every aspect of space exploration. From training for the mission to launch, to his historic spacewalk, to re-entry, he reveals for readers of all ages the cutting-edge science behind his groundbreaking experiments, and the wonders of daily life on board the International Space Station.

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The public was invited to submit questions using the hashtag #askanastronaut, and a selection are answered by Tim in the book, accompanied with illustrations, diagrams, and never-before-seen photos.

Zoom around Earth from A to Z with astronauts on the International Space Station in Astronauts Zoom! "You are there" photos and fun, fact-filled text give young readers and listeners a space-eye view of astronauts in action in this out-of-this-world alphabet book.

A realistic guide to becoming an Astronaut at a young age. Describes what it is like to be an astronaut, some of the ways to prepare for this career, and the work in various related jobs, including history, education, and recent advances. Reprint.

_____ *The* puzzle book of 2018, as featured in the Times, Daily Telegraph, BBC Radio 4, and BBC Breakfast, and a Guardian Book of the Year pick. Have YOU got what it takes to be an astronaut? This book will help readers of all ages find out. Featuring 100 real astronaut tests and exercises from the European Space Agency's rigorous selection process, ranging from easy to fiendishly hard, The Astronaut Selection Test Book goes where no puzzle book has gone before. Including puzzles and tests on: · visual perception and logic · mental arithmetic and concentration · psychological readiness · teamwork and leadership · survival, physical and medical skills · foreign languages (every astronaut has to know Russian!) and much more, this richly illustrated book draws on Tim Peake's first-hand experience of applying to be an astronaut in 2008, when he and five others were chosen - out of over 8,000 applications! We've all dreamed of being an astronaut, though of the estimated 100 billion people who have ever lived, only 557 people have travelled to space. But with this unprecedented look into real astronaut selection, you might just find out your dreams can

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become reality... _____ HOUSTON, WE HAVE A PROBLEM SOLVER... _____ 'Engrossing... a brain buster of a book... You'll learn plenty about space and what it takes to be an astronaut, but you'll also sharpen up your broader knowledge. For anyone interested in the space race and the imminent journey to Mars, here's the perfect stocking filler.' - STARBURST 'It's a brain work-out on steroids, stuffed with authentic selection tests... Entertaining and engaging... innovative, earnest, soulful and exhilarating' - BBC SKY AT NIGHT MAGAZINE (5 STARS, Book of the Month) 'It's such a good idea... this is a very good thing for Christmas Day' - GRAHAM NORTON, BBC RADIO 2 'Everybody, get this book... it's a fascinating read' - CHRIS MOYLES, RADIO X 'A fantastic gift... more than just a quiz' - WI LIFE 'The perfect [book] for big thinkers' - BBC ARTS, 2018's Biggest Books

An out-of-this-world book about space jobs for anyone from age 6+

A gripping first-hand account of life in space and the making of an astronaut. What is it like to fly the space shuttle and work on and in the International Space Station? Veteran NASA astronaut Tom Jones is uniquely qualified to give the details: he flew four shuttle missions and led three space walks to deliver the US Lab to the Station. . From B-52 pilot during the Cold War, to a PhD in planetary science, to the unbelievable rigors of astronaut training, his career inevitably pointed him toward the space shuttle. Until the Challenger exploded. Jones's story is the first to candidly explain the professional and personal hardships faced by the astronauts in the aftermath of that 1986 tragedy. He certainly has 'The Right Stuff' but also found himself wondering if the risks he undertook were worth the toll on his family. Liftoffs were especially nerve-wracking (his mother, who refuses to even get on a plane, cannot watch) but his 53 days in space were

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unforgettable adventures. Jones uses his background as a scientist to explain the practical applications of many of the shuttle's scientific missions, and describes what it's like to work with the international crews building and living aboard the space station. Tom Jones returned from his space station voyage to assess the impact of the 2003 Columbia tragedy, and prescribes a successful course for the U.S. in space. Stunning photographs, many taken in space, illustrate his amazing journey.

"There's something intriguing to be learned on practically every page... [How to Astronaut] captures the details of an extraordinary job and turns even the mundane aspects of space travel into something fascinating."—Publishers Weekly

Ride shotgun on a trip to space with astronaut Terry Virts. A born storyteller with a gift for the surprising turn of phrase and eye for the perfect you-are-there details, he captures all the highs, lows, humor, and wonder of an experience few will ever know firsthand. Featuring stories covering survival training, space shuttle emergencies, bad bosses, the art of putting on a spacesuit, time travel, and much more!

Brightly List: Best Children's Books of March 2018 Annie's joyful exuberance and her family's whole-hearted support leave no doubt that her dream is within her grasp. This delightful story—with backmatter about women astronauts—encourages young readers to pursue their dreams and reach for the stars. Career Day is approaching, and Annie can't wait to show her family what she's planning to be when she grows up. But, she must keep it a secret until Friday! So curious family members each ask Annie for a clue. Convinced that she'll be a news reporter like he once was, Grandpop gives her his old camera and notebook to use for her presentation. Grandma is sure Annie wants to be a champion baker like her, so she offers a mixing bowl and oven mitts to Annie. Hopeful she'll become the mountain

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climber he aspired to be, Dad gives Annie an old backpack. Mom presents Annie with a pair of high-top sneakers to pursue Mom's favorite sport in high school -- basketball. Grateful for each gift, Annie cleverly finds a way to use them all to create her Career Day costume. When the big day arrives, Annie finally reveals her out-of-this-world dream to everyone. Selected for the Red Tricycle Ultimate Summer Reading List! <http://redtri.com/summer-reading-list-amazon-kids-edition-tablet/slide/1>

This Level One I Can Read Kids book, is perfect for children learning to sound out words and sentences. Quench your child's enthusiasm for astronauts with this introductory book of all about astronauts and who they live, work, and train. This beautifully illustrated, full color, the large print book is perfect for beginner readers.

A #1 New York Times bestseller “This little mouse may well inspire some big dreams.” —Kirkus Reviews “In this picture book based on the space shuttle Endeavor...Meteor is one of the smallest mice, but the most hardworking...the values of being small, useful, solving problems, and working hard—as opposed to being big and strong—will inspire young readers.” —School Library Journal “Inspired by this real-life mouse, Kelly’s first children’s book tells the story of Meteor, a lightly anthropomorphized rodent who turns his tininess into an advantage when an important key gets stuck in a crack between two monitors...textured images and vivid portraits that make it absolutely clear that space travel is a larger-than-life adventure.” —Publishers Weekly A heartwarming picture book tale of the power of the small, from bestselling author and retired NASA astronaut Commander Mark Kelly. Astronaut Mark Kelly flew with “mice-tronauts” on his first spaceflight aboard space shuttle Endeavour in 2001. Mousetronaut tells the story of a small mouse that wants nothing more than to travel to outer space. The little mouse

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works as hard as the bigger mice to show readiness for the mission . . . and is chosen for the flight! While in space, the astronauts are busy with their mission when disaster strikes—and only the smallest member of the crew can save the day. With lively illustrations by award-winning artist C. F. Payne, *Mousetronaut* is a charming tale of perseverance, courage, and the importance of the small!

Discover a day in the life of an astronaut in this fun and inspiring book for curious little minds. With simple, friendly text and surprise mirror ending!

An easy-to-read autobiography of NASA astronaut Scott Kelly, in jacketed hardcover, that takes readers on his awe-inspiring journey from childhood to his record-breaking year among the stars. A autobiography of NASA astronaut Scott Kelly! Scott wasn't sure what he wanted to be when he grew up. He struggled in school and often got in trouble with his twin brother, Mark. Then one day Scott discovered a book about test pilots and astronauts that set him on a new path. His new focus led him to fly higher and higher, becoming first a pilot and then an astronaut, along with his brother--the first twin astronauts in history. But his greatest accomplishment of all was commanding the International Space Station and spending nearly a year in space, which set the record for the longest spaceflight by an American. This story of an ordinary boy who grew up to do extraordinary things will amaze and inspire young readers.

Discusses the requirements for becoming an astronaut.

Blast off and experience space travel with this collection of fascinating, funny, and sometimes weird anecdotes from real astronauts. Everyone wonders what it's really like in space, but very few of us have ever had the chance to experience it firsthand. This captivating illustrated collection brings together stories from dozens of international astronauts—men and women who've actually been there—who have returned with

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accounts of the sometimes weird, often funny, and awe-inspiring sensations and realities of being in space. With playful artwork accompanying each, here are the real stories behind backwards dreams, “moon face,” the tricks of sleeping in zero gravity and aiming your sneeze during a spacewalk, the importance of packing hot sauce, and dozens of other cosmic quirks and amazements that come with travel in and beyond low Earth orbit. Praise for *What’s It Like in Space?* “Houston, we have a winner.” —Oprah Magazine “[A] captivating illustrated collection.” —Smithsonian Magazine “A delightful mini-coffee table book about all the awkward and beautiful moments you can have in space, based on dozens of interviews with people who have actually been there. If you’re looking for a fun read about life outside the gravity well, check out *What’s It Like in Space?*” —Ars Technica “This charmingly illustrated book is much meatier than its diminutive size would suggest. These snippets are so clear, so beautifully curated, that they really do leave you with a sense of what it must be like to float miles above Earth.” —Entertainment Weekly

The untold story of a national trauma—NASA’s Challenger explosion—and what really happened to America’s Teacher in Space, illuminating the tragic cost of humanity setting its sight on the stars You’ve seen the pictures. You know what happened. Or do you? On January 28, 1986, NASA’s space shuttle Challenger exploded after blasting off from Cape Canaveral. Christa McAuliffe, America’s “Teacher in Space,” was instantly killed, along with the other six members of the mission. At least that's what most of us remember. Kevin Cook tells us what really happened on that ill-fated, unforgettable day. He traces the pressures—leading from NASA to the White House—that triggered the fatal order to launch on an ice-cold Florida morning. Cook takes readers inside the shuttle for the agonizing minutes after the

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explosion, which the astronauts did indeed survive. He uncovers the errors and corner-cutting that led an overconfident space agency to launch a crew that had no chance to escape. But this is more than a corrective to a now-dimming memory. Centering on McAuliffe, a charmingly down-to-earth civilian on the cusp of history, *The Burning Blue* animates a colorful cast of characters: a pair of red-hot flyers at the shuttle's controls, the second female and first Jewish astronaut, the second Black astronaut, and the first Asian American and Buddhist in space. Drawing vivid portraits of Christa and the astronauts, Cook makes readers forget the fate they're hurtling toward. With drama, immediacy, and shocking surprises, he reveals the human price the Challenger crew and America paid for politics, capital-P Progress, and the national dream of "reaching for the stars."

NATIONAL BEST SELLER A stunning, personal memoir from the astronaut and modern-day hero who spent a record-breaking year aboard the International Space Station—a message of hope for the future that will inspire for generations to come. The veteran of four spaceflights and the American record holder for consecutive days spent in space, Scott Kelly has experienced things very few have. Now, he takes us inside a sphere utterly hostile to human life. He describes navigating the extreme challenge of long-term spaceflight, both life-threatening and mundane: the devastating effects on the body; the isolation from everyone he loves and the comforts of Earth; the catastrophic risks of colliding with space junk; and the still more haunting threat of being unable to help should tragedy strike at home—an agonizing situation Kelly faced when, on a previous mission, his twin brother's wife, American Congresswoman Gabrielle Giffords, was shot while he still had two months in space. Kelly's humanity, compassion, humor, and determination resonate throughout, as he recalls his rough-and-tumble New

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Jersey childhood and the youthful inspiration that sparked his astounding career, and as he makes clear his belief that Mars will be the next, ultimately challenging, step in spaceflight. In *Endurance*, we see the triumph of the human imagination, the strength of the human will, and the infinite wonder of the galaxy.

* 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

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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.

Do you like the idea of being able to travel to space one day? You may want to become an astronaut. Astronauts train their brains to think in a practical, decisive way. With the help of the ideas in this book, you can start to think like an astronaut too.

The word "astronaut" comes from the Greek words meaning "star sailor," and that is exactly what students will become in Astronaut Academy. This 30-lesson interdisciplinary science unit: Is designed to teach high-ability second and third graders how to think like real-world astronauts. Requires students to explore the far regions of the solar system. Was designed using the research-based Integrated Curriculum Model. Features challenging problem-based learning tasks and engaging resources. Includes detailed teacher instructions and suggestions for differentiation. In this unit, students study the concept of exploration, journey to each planet, and create their own space station, all while acquiring scientific knowledge and habits, including how to follow the scientific method and properly

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conduct research and experiments. Suggestions and guidance are included on how teachers can adjust the rigor of learning tasks based on students' interests and needs. Grades 2-3 Recipient of the 2020 NAGC Curriculum Award

The differences and similarities between the deep ocean and outer space.

“America’s funniest science writer” (Washington Post) explores the irresistibly strange universe of life without gravity in this New York Times bestseller.

The best-selling author of *Stiff* and *Bonk* explores the irresistibly strange universe of space travel and life without gravity. From the Space Shuttle training toilet to a crash test of NASA’s new space capsule, Mary Roach takes us on the surreally entertaining trip into the science of life in space and space on Earth.

Ever wondered what space is really like? Thanks to his 25 years of training for, flying in, consulting on, and writing and speaking about space, astronaut and spacewalker Tom Jones can answer that question and many others. What do you feel on liftoff? What is weightlessness? Where do you sleep in space? Can you see the Great Wall of China? Jones answers every question you have ever had about space in *Ask the Astronaut*. His entertaining blend of wit, personal experience, and technical expertise shines in each answer, and together all the answers illuminate the true space experience from start to

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finish. His engaging and informative responses remind readers of historic space achievements, acquaint them with exciting new ambitions, make them feel like they have experienced space firsthand, and even inspire an urge to explore space themselves. Jones covers everything from the training process for new astronaut candidates and the physical sensations and challenges of rocketing into orbit to what it's like to live, work, and walk in space. Jones also explores the future of spaceflight, both professional and commercial, in the years to come. Ask the Astronaut is a delight for all readers, especially "armchair astronauts" and younger, 21st century space explorers.

Find out what it takes to become an astronaut from someone who knows! With Dr. Dave's first-hand photos and amusing illustrations, Go for Lift off is the go-to book for aspiring astronauts.

Inspired by insights gained in spaceflight, a NASA astronaut offers key lessons to empower Earthbound readers to fight climate change When Nicole Stott first saw Earth from space, she realized how interconnected we are and knew she had to help protect our planetary home. In Back to Earth, Stott imparts essential lessons in problem-solving, survival, and crisis response that each of us can practice to make change. She knows we can overcome differences to address global issues, because she saw this every day on the International

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Space Station. Stott shares stories from her spaceflight and insights from scientists, activists, and changemakers working to solve our greatest environmental challenges. She learns about the complexities of Earth's biodiversity from NASA engineers working to enable life in space and from scientists protecting life on Earth for future generations. Ultimately, Stott reveals how we each have the power to respect our planetary home and one another by living our lives like crewmates, not passengers, on an inspiring shared mission

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