

Space

***Space Science and Public Engagement: 21st Century Perspectives and Opportunities** critically examines the many dimensions of public engagement with space science by exploring case studies that show a spectrum of public engagement formats, ranging from the space science community's efforts to communicate developments to the public, to citizenry attempting to engage with space science issues. It addresses why public engagement is important to space science experts, what approaches they take, how public engagement varies locally, nationally and internationally, and what roles "non-experts" have played in shaping space science. Space scientists, outreach specialists in various scientific disciplines, policymakers and citizens interested in space science will find great insights in this book that will help inform their future engagement strategies. Critically examines how expert organizations and the space science community have sought to bring space science to the public Examines how the public has responded, and in some cases self-organized, to opportunities to contribute to space science Outlines future engagement interests and possibilities This book describes prominent technological achievements within a very successful space science mission: the Herschel space observatory. Focusing on the various processes of innovation it offers an analysis and discussion of the social, technological and scientific context of the mission that paved the way to its development. It addresses the key question raised by these processes in our modern society, i.e.: how knowledge management of innovation set the conditions for inventing the future? In that respect the book is based on a transdisciplinary analysis of the programmatic complexity of Herschel, with inputs from space scientists, managers, philosophers, and engineers. This book is addressed to decision makers, not only in space science, but also in other industries and sciences using or building large machines. It is also addressed to space engineers and scientists as well as students in science and management. In the third book in the CatStronauts graphic novel series, your favorite elite team of cat astronauts is a member short--one of the team has quit! When chief science officer Pom Pom rejoins the CatStronauts on the International Space Station, she has to get to work right away--the Hubba Bubba Telescope isn't working, and CATSUP is losing funding by the day! But as the CatStronauts and Mission Control race to find answers, the unthinkable happens and pilot Waffles is forced to orbit the Earth in nothing but his space suit. Even though he's no scaredy cat, Waffles has a hard time staying out in space. When disaster on a global scale rears its head, will a fractured CatStronauts team be enough to save the day? In this full color graphic novel, debut author/illustrator Drew Brockington takes the CatStronauts to the brink, adding in mounds of jokes, charm, asteroid showers, and enough tuna for everyone!*

The Space Book Revised and UpdatedFrom the Beginning to the End of Time, 250 Milestones in the History of Space and AstronomySterling

A New American Space Plan

21st Century Perspectives and Opportunities

The New Space Programs of Asia, the Middle East and South-America

Designing for Blue-Green Places

Astronauts, Planets, Space Ships, and Outer Space for Kids Ages 6-8, 9-12

The Penguin Book of Outer Space Exploration

Small Space Living

From asteroids to zodiac constellations--500 amazing space facts for kids ages 8 to 12 Do you know a kid who wants to know all about space? This intergalactic entry into space books for kids is bursting with 500 out-of-this-world facts for hours of space exploration from the comfort of Earth. Alongside full-color pictures on every page, kids can adventure through stars, planets, and space technology with this book of astronomy for kids. Go beyond other space books for kids with trivia such as: Mars is often referred to as the red planet because its surface is red due to iron oxide, or rust. The average lifespan of a star is 10 billion years. All the other planets in our solar system could fit between Earth and its moon. Kids will light up as they discover ice giants and famous astronomers with this standout among space books for kids.

This work introduces the important emerging space powers of the world. Brian Harvey describes the origins of the Japanese space program, from rocket designs based on WW II German U-boats to tiny solid fuel 'pencil' rockets, which led to the launch of the first Japanese satellite in 1970. The next two chapters relate how Japan expanded its space program, developing small satellites into astronomical observatories and sending missions to the Moon, Mars, comet Halley, and asteroids. Chapter 4 describes how India's Vikram Sarabhai developed a sounding rocket program in the 1960s. The following chapter describes the expansion of the Indian space program. Chapter 6 relates how the Indian space program is looking ahead to the success of the moon probe Chandrayan, due to launch in 2008, and its first manned launching in 2014. Chapters 7, 8, and 9 demonstrate how, in Iran, communications and remote sensing drive space technology. Chapter 10 outlines Brazil's road to space, begun in the mid-1960's with the launch of the Sonda sounding rockets. The following two chapters describe Brazil's satellites and space launch systems and plans for the future. Chapters 13 and 14 study Israel's space industry. The next chapters look at the burgeoning space programs of North and South Korea. The book ends by contrasting and comparing all the space programs and speculating how they may evolve in the future. An appendix lists all launches and launch attempts to date of the emerging space powers.

The fascinating story of how NASA sent humans to explore outer space, told through a treasure trove of historical documents--publishing in celebration of NASA's 60th anniversary and with a foreword by Bill Nye "An extremely useful and thought provoking documentary journey through the maze of space history. There is no wiser or more experienced navigator through the twists and turns and ups and downs than John Logsdon." -James Hansen, New York Times bestselling author of First Man, now a feature film starring Ryan Gosling and Claire Foy Among all the technological accomplishments of the last century, none has captured our imagination more deeply than the movement of humans into outer space. From Sputnik to SpaceX, the story of that journey--including the inside history of our voyages to the moon depicted in First Man--is told as never before in The Penguin Book of Outer Space Exploration. Renowned space historian John Logsdon traces the greatest moments in human spaceflight by weaving together essential, fascinating documents from NASA's history with his expert narrative guidance. Beginning with rocket genius Wernher von Braun's vision for voyaging to Mars, and closing with Elon Musk's contemporary plan to get there, this volume traces major events like the founding of NASA, the first American astronauts in space, the Apollo moon landings, the Challenger disaster, the daring Hubble Telescope repairs, and more. In these pages, we such gems as Eisenhower's reactions to Sputnik, the original NASA astronaut application, John Glenn's reflections on zero gravity, Kennedy's directives to go to the moon, discussions on what Neil Armstrong's first famous first words should be, firsthand accounts of spaceflight, and so much more. The Cat in the Hat takes readers on an out of this world reading adventure through outer space! The Cat in the Hat's Learning Library is a nonfiction picture book series that introduces beginning readers ages 5-8 to important basic concepts. Learn about the solar system, planets, the constellations, and astronauts, and explore the wonders of space with the help of everyone' favorite Cat in the Hat! Perfect for aspiring astraunauts, or any kid who loves learning and science. The universe is a mysterious place. We are only just learning what happens in space. Featuring beloved character characters from Dr. Seuss's The Cat in the Hat, the Learning Library are unjacketed hardcover picture books that explore a range of nonfiction topics about the world we live in and include an index, glossary, and suggestions for further reading.

Time and Space

America's Space Sentinels

Hello from Planet Earth! Earth Class Planets - Space Science for Kids - Children's Astronomy Books

Outer Space - Future for Humankind

NASA and the Incredible Story of Human Spaceflight

From Research Rockets to the Space Shuttle

Space Travelers

“A master storyteller. . . Michener, by any standards, is a phenomenon. Space is one of his best books.”—The Wall Street Journal Already a renowned chronicler of the epic events of world history, James A. Michener tackles the most ambitious subject of his career: space, the last great frontier. This astounding novel brings to life the dreams and daring of countless men and women—people like Stanley Mott, the engineer whose irrepressible drive for knowledge places him at the center of the American exploration effort; Norman Grant, the war hero and U.S. senator who takes his personal battle not only to a nation, but to the heavens; Dieter Kolff, a German rocket scientist who once worked for the Nazis; Randy Claggett, the astronaut who meets his destiny on a mission to the far side of the moon; and Cynthia Rhee, the reporter whose determined crusade brings their story to a breathless world. BONUS: This edition includes an excerpt from James A. Michener's Hawaii. Praise for Space “A novel of very high adventure . . . a sympathetic, historically sound treatment of an important human endeavor that someday could be the stuff of myth, told here with gripping effect.”—The New York Times Book Review “Space is everything that Michener fans have come to expect. Without question, the space program’s dramatic dimensions provide the stuff of great fiction.”—BusinessWeek “Michener is eloquent in describing the actual flights into space, as well as the blazing, apocalyptic re-entry of the shuttle into earth’s atmosphere.”—The New York Times

The radical history of space exploration from the Russian Cosmists to Elon Musk Many societies have imagined going to live in space. What they want to do once they get up there - whether conquering the unknown, establishing space "colonies," privatising the moon's resources - reveals more than expected. In this fascinating radical history of space exploration, Fred Scharmen shows that often science and fiction have combined in the imagined dreams of life in outer space, but these visions have real implications for life back on earth. For the Russian Cosmists of the 1890s space was a place to pursue human perfection away from the Earth. For others, such as Wernher Von Braun, it was an engineering task that combined, in the Space Race, the Cold War, and during World War II, with destructive geopolitics. Arthur C. Clark in his speculative books offered an alternative vision of wonder that is indifferent to human interaction. Meanwhile NASA planned and managed the space station like an earthbound corporation. Today, the market has arrived into outer space and exploration is the plaything of superrich technology billionaires, who plan to privatise the mineral wealth for themselves. Are other worlds really possible? Bringing these figures and ideas together reveals a completely different story of our relationship with outer space, as well as the dangers of our current direction of extractive capitalism and colonisation.

Astra's family are all snoring in their sleeping pods, but Astra is WIDE AWAKE. With her friend, Pilbeam, she goes off exploring and soon finds out the ship is in deep trouble. It's been knocked off course and invaded by a gang of Poglites, an alien salvage crew searching for spoonage.But even the Poglites need Astra's help when they discover something far more sinister lurking in the canteen. Sure, they're cakes; but no one would describe them as sweet.Another splendiferous adventure from dynamic duo, Philip Reeve and Sarah McIntyre.

From marvelous galleries of the Big Dipper, Little Dipper and other constellations to in-depth looks at Mercury, Venus, Earth, Mars, Saturn, Uranus, and Neptune and to the moons of Jupiter, comets, and galaxies -- not to mention entries on rockets and spacecraft -- Pocket Genius: Space opens up the vast and mysterious expanse of space. What is a nebula? Why does an eclipse occur? How does a telescope work? Featuring more than 170 planets, stars, rockets, and rovers, Pocket Genius: Space answers the questions young readers want to know. Redesigned in paperback, DK's best-selling Pocket Genius series is now available in an engaging compact and economical format that is ideal for both browsing and quick reference for use in school and at home. Catalog entries packed with facts provide at-a-glance information, while locator icons offer immediately recognizable references to aid navigation and understanding, and fact files round off the book with fun facts such as record breakers and timelines. Each pocket-size encyclopedia is filled with facts on subjects ranging from animals to history, cars to dogs, and Earth to space and combines a child-friendly layout with engaging photography and bite-size chunks of text that will encourage and inform even the most reluctant readers.

The Benefits of Spaceflight and Space Exploration

Space Case

Concepts of Space

Pocket Genius: Space

Make Space

Emerging Space Powers

A Novel

Complete with demonstrative illustrations and photographs, Small Space Living offers more than one hundred space-saving ideas from Roberta Sandenbergh, a.k.a the Small Space Architect. Sandenbergh will introduce you to the idea of space opportunities—untapped areas in every home that can be expanded for storage and organizational purposes. A space opportunity might be as simple as using an empty space under a stairway or above a doorway or as complicated as dividing your entire apartment for rental income. Each chapter addresses a different kind of space opportunity area, including closets, corners, walls, windows, ceilings, and floors. In these areas, you will be inspired by Sandenbergh’s creative approaches to divided spaces, stacked spaces, empty spaces, mirrored spaces, and multipurpose furniture. Learn from the author’s stories of her own designs for “small-by-choice” homes—for herself and for her clients—in which she tried to make the best possible use of varied living spaces. Allow Sandenbergh to help you create more space-efficient and attractive areas in your home whether you live in a studio apartment, a tiny home, or a larger home that needs more of a cozy feel.

Historical surveys of the concept of space considers Judeo-Christian ideas about space, Newton's concept of absolute space, space from 18th century to the present. Numerous original quotations and bibliographical references. "Admirably compact and swiftly paced style." — Philosophy of Science. Foreword by Albert Einstein.

Standards for the design of interior spaces should be based on the measurement of human beings and their perception of space, with special consideration for disabled, elderly, and children

Why should you buy this book for your child? Well, it contains carefully picked information and then presents that in a way that attracts a child. The inclusion of cool photos increase the efficiency of this book as a tool for learning. So what are you waiting for? Encourage your child to learn about the cosmos today!

Space Physics and Aeronomy, Space Weather Effects and Applications

Inventing a Space Mission

The Russian Popular Culture of Space Exploration

500 Far-Out Facts!

22nd Century

Waterfront urban space

A Source Book of Design Reference Standards

For millennia, humanity has looked to the stars with wonder and longing. The dream of taking flight and exploring the solar system was realized in the 1950s, when the first satellites and manned orbital missions were launched. Humans continue to send scientific instruments, telescopes, and astronauts into space in an effort to learn more about the universe and about Earth. This title will explain the practical and scientific benefits of space exploration, from tracking climate change to global cooperation through shared research.

"Brings new life to a magical and long-vanished era of televised sf...a valuable analysis of a nearly lost part of our cultural heritage"--Booklist "Long-overdue...one of the most comprehensive studies of a television show...most remarkable...excellent...very interesting...highly recommended"--Classic Images "The author has compiled a pretty exhaustive history of that program"--Critical Mass "Very welcome"--Roaring Rockets "A loving look back"--Communication Booknotes Quarterly "It's finally here! The book we've all been waiting for! And was it ever worth the wait! It's all here in more detail than we had any right to expect or even think possible...Bassior probes the memories and--more tellingly--the emotions of all her subjects in such unexpected detail that one is tempted to say she has captured and frozen, not just Space Patrol, but an entire slice of the 1950s for all of time...too fascinating to put down"--SwapSale.com "Involving in-depth coverage"--Midwest Book Review "A beautiful and inspirational glimpse into a world that cannot be recaptured...a comprehensive look at a slice of mid-20th century American life, thought and culture that will be cherished for decades...a major accomplishment"--James J.J. Wilson, Managing Editor, Filmfax magazine "I was just out of school at the Pasadena Playhouse, knocking on agency doors by day and working in an ice cream parlor by night. Here were these Space Patrol actors. Working. I was so jealous. Not only did they have jobs which they seemed to enjoy, but the stories led them into fantastic adventures where the imagination could roam free. Groundbreaking!"--Leonard Nimoy "This is your old friend "Captain" Jack Narz inviting you to turn the pages of this book and relive the heart-stopping adventures of the Space Patrol crew and the real heart-stopping adventure of putting on a live TV show. In my forty-plus years of television, being a part of Space Patrol was a once in a lifetime experience never to be equaled--and Bassior captures it all. Fascinating!"--Jack Narz Before Star Trek, there was Space Patrol. Science fiction television has its roots in this live, action-packed series that captured the imagination of Americans from 1950 to 1955, when space travel was just a dream. This book explores the freewheeling spirit of live TV, where anything could go wrong before millions of viewers--and often did. It spotlights (often in personal interviews) the risk-taking Space Patrol cast and crew who laid vital groundwork for television today. Included are episode logs for both television and radio shows as well as a complete guide to Space Patrol memorabilia.

The first edition (2001) of this title quickly established itself on courses on the philosophy of time and space. This fully revised and expanded new edition sees the addition of chapters on Zeno's paradoxes, speculative contemporary developments in physics, and dynamic time, making the second edition, once again, unrivalled in its breadth of coverage. Surveying both historical debates and the ideas of modern physics, Barry Dainton evaluates the central arguments in a clear and unimimidating way and is careful to keep the conceptual issues throughout comprehensible to students with little scientific or mathematical training. The book makes the philosophy of space and time accessible for anyone trying to come to grips with the complexities of this challenging subject. With over 100 original line illustrations and a full glossary of terms, the book has the requirements of students firmly in sight and will continue to serve as an essential textbook for philosophy of time and space courses.

Details the future of exploration, describing some of the things that future astronauts might encounter in the 22nd century, including black holes, wormholes, extraterrestrial life, and space robots.

How to Set the Stage for Creative Collaboration

Cakes in Space

There's No Place Like Space

The History of the DSP and SBIRS Satellite Systems

A Beginner's Guide to Life in the Space Age

Robots in Space

The Space Book Revised and Updated

It’s a murder mystery on the moon in this humorous and suspenseful space adventure from the author of Belly Up and Spy School that The New York Times Book Review called “a delightful and brilliantly constructed middle grade thriller.” Like his fellow lunarnauts—otherwise known as Moonies—living on Moon Base Alpha, twelve-year-old Dashiell Gibson is famous the world over for being one of the first humans to live on the moon. And he’s bored out of his mind. Kids aren’t allowed on the lunar surface, meaning they’re trapped inside the tiny moon base with next to nothing to occupy their time—and the only other kid Dash’s age spends all his time hooked into virtual reality games. Then Moon Base Alpha’s top scientist turns up dead. Dash senses there’s foul play afoot, but no one believes him. Everyone agrees Dr. Holtz went onto the lunar surface without his helmet properly affixed, simple as that. But Dr. Holtz was on the verge of an important new discovery, Dash finds out, and it’s a secret that could change everything for the Moonies—a secret someone just might kill to keep…

The story about a young girl that builds spaceships, flies to Mars, saves the Earth from a very large asteroid that she captures, puts in orbit above the Earth, builds a space elevator above her home in Texas, and also builds three space elevators on the moon and one on the planet Mars has lots of adventures while traveling around the solar system. She is befriended by a humpback whale and saves lots of whales.

This book is as a detailed, but highly readable and balanced account of the history of animal space flights carried out by all nations, but principally the United States and the Soviet Union. It explores the ways in which animal high-altitude and space flight research impacted on space flight biomedicine and technology, and how the results – both successful and disappointing – allowed human beings to then undertake that same hazardous journey with far greater understanding and confidence. This complete and authoritative book will undoubtedly become the ultimate authority on animal space flights.

Space Books for Kids 5–7 Space Coloring Book for Kids is packed full of fun, cute, and magical colouring pages, suitable for kids ages 4 and up. Out of this world designs, space planets, and alien space ships make this varied book perfect for boys and girls this holiday season! Full features include: TRAVEL SIZE ready at 8.5 x 8.5 square bound paperback format for easy transport and space activity 30 FUN and CUTE DESIGNS on single-sided pages only to minimize bleed-through WIDE VARIETY of pages to color for kids who really love outer space GREAT ADDITION to their outer space toys, space puzzles, science books for kids, and books about space for kids Inside they'll discover cute and playful hand-drawn pages featuring fantastic planets, astronauts, aliens, space shuttles and spaceships, stars and galaxies, solar systems, and more! Children's Coloring books are the perfect gift idea for birthdays, stocking stuffers, Secret Santa, and of course, Christmas! Don't wait, pick up your copy today!

Exploring Space

Space Science and Public Engagement

Sabrina in Space

The Fascinating Space Book for Kids

All About Our Solar System

The Production of Space

The Aspiring Astronaut’s Guide to Getting Lost in Outer Space “Kellie is probably one of the best ambassadors for spaceflight in the 21st century that the industry could have.” —Lucy Hawking, author of George’s Secret Key to the Universe and host of Audible’s Lucy in the Sky. #1 New Release in Science & Math, Essays & Commentary and Astronautics & Space Flight Follow aerospace science professional Kellie Gerardi’s non-traditional path in the space industry as she guides and encourages anyone who has ever dreamed about stars, the solar system, and the galaxies in space. Ever wondered what it’s like to work in outer space? In this candid science memoir and career guide, Gerardi offers an inside look into the industry beginning to eclipse Silicon Valley. Whether you have a space science degree or are looking to learn about stars, Not Necessarily Rocket Science proves there’s room for anyone who is passionate about exploration. What it’s like to be a woman in space. 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. 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’re looking for women in science gifts, astronomy books for adults, or NASA stories—or enjoyed, the Galaxy Girls book, or Letters from an Astrophysicist by Neil deGrasse Tyson—then you’ll love Not Necessarily Rocket Science.

A detailed treatment of military space reconnaissance used in American strategic defense.

Robots don’t need to breathe, eat, or sleep. This makes them perfectly suited for work in the vacuum of space. Rovers on Mars have given humanity a wealth of knowledge about this planet, and machines that repair shuttles and other equipment are invaluable to astronauts. In this exciting STEM exploration, readers learn about space robots. Intriguing sidebars explore the ways science fiction has influenced the creation of real robots, and informative fact boxes and accessible main text discuss robots of the past, present, and future. Full-color photographs and a list of critical-thinking questions keep readers engaged as they learn.

Examines how solar and terrestrial space phenomena affect sophisticated technological systems Contemporary society relies on sophisticated technologies to manage electricity distribution, communication networks, transportation safety, and myriad other systems. The successful design and operation of both ground-based and space-based systems must consider solar and terrestrial space phenomena and processes. Space Weather Effects and Applications describes the effects of space weather on various present-day technologies and explores how improved instrumentation to measure Earth’s space environment can be used to more accurately forecast changes and disruptions. Volume highlights include: Damage and disruption to orbiting satellite equipment by solar particles and cosmic rays Effects of space radiation on aircraft at high altitudes and latitudes Response of radio and radar-based systems to solar bursts Disturbances to the propagation of radio waves caused by space weather How geomagnetic field changes impact ground-based systems such as pipelines Impacts of human exposure to the space radiation environment The American Geophysical Union promotes discovery in Earth and space science for the benefit of humanity. Its publications disseminate scientific knowledge and provide resources for researchers, students, and professionals.

Human Dimension & Interior Space

CatStronauts: Space Station Situation

Goddard

Science Management in the Human Exploration of Space

A Year in Review at Goddard Space Flight Center, National Aeronautics and Space Administration

Not Necessarily Rocket Science

Kul’tura Kosmosa

Introduces basic concepts about outer space, from the sun and the moon to the planets and space exploration.

This book explores potentialities and emerging issues to strategies and waterside planning and design, developing research results and detailed cases of interest in response to city change, to promote sustainable development in a variety of ways. It seeks to include some key waterfront matters in linking new spatial patterns to social dynamics and climate change, for future practice. The book is structuring into two parts: The first one - ‘Advancing Riverfront Transformation’ - examines proposals on urban waterfronts and relations between urban spaces and social dynamics to revitalise and re-appropriate urban environment with sustainable design solutions. The second one - ‘Outlining Blue-Green Opportunities’ - develops proposals on waterfront urban spaces and places with promotion of sociability and enjoyment, integrating cultural and economic values, health and wellbeing.

The International Space Station is as big as two football fields, weighs one million pounds, and contains six laboratories plus living quarters. Launch into SPACE TRAVELERS and SeeMore!

Inspired by the vision of the future of humankind in outer space, an international team of technical experts, lawyers and political scientists examined topical issues of law and policy under the leadership of the editors - not only with respect to international space flight and space exploration, but also in view of the safe and sustainable use of space technology for the benefit of our planet. After all, our original habitat should not be sacrificed on our way to Moon and Mars! In this regard, Outer Space - Future for Humankind examines fundamental questions like the problem of space debris, the safe use of nuclear power sources in outer space, the protection of the ozone layer during space launches, the issue of light pollution and the protection of the marine environment during the guided re-entry of space craft into the High Seas. In addition to these problems of technical nature, questions relating to the peaceful, equitable and responsible use of outer space are explored also with regard to issues as space traffic management which must be solved by scientists, lawyers and politicians on an international scale, and supported by an again increasingly interested general public.

Crawl Space Science: What to Have Done ... and Why

Space Forces

From the Beginning to the End of Time, 250 Milestones in the History of Space and Astronomy

The History of Theories of Space in Physics

Missions of Daring in the Name of Early Television

Animals in Space

Space

Presents a series of 250 significant events in the history of astronomy and space exploration, from the original formation of the galaxies, to the space mission to the planet Mars, to speculation about the end of the universe.

Meet the Rocket City Rednecks. They're five "backwoods" guys from the rocket city: Huntsville, Alabama, home to NASA's Marshall Space Flight Center and the birthplace of the U.S. space program. Sure, they love to shoot stuff and drink beer, and one of 'em lives in a trailer, but with a family tree full of NASA rocket scientists (not to mention their own PhDs and advanced degrees), they aim a little higher—like using homemade moonshine to fuel a rocket! Now, in typical laidback style, Dr. Travis S. Taylor, leader of the crew, delivers the goods on how America can return to space exploration and manned space flight. What's needed is a good old "try anything" attitude, a bit of gumption, and the spectacularly entertaining backyard science that's the Rocket City Redneck specialty. At the publisher's request, this title is sold without DRM (Digital Rights Management).

For young science lovers, space exploration is perhaps one of the coolest fields of study. Readers of this illuminating book will get a peek into what it's like to visit the moon, climb aboard the International Space Station, and explore many other parts of space. Accessible text and attention-grabbing fact boxes hold the attention of even the most reluctant readers. The convenient page layout also includes colorful photographs paired with succinct, easy-to-digest captions. This high-interest volume is sure to engage and excite readers of many levels.

This thesis argues that there is a popular culture of space exploration characteristic of a wider Russia; its roots lie in pagan times and it grew through Orthodox Christianity and Soviet Communism to the twenty-first century, where it is actively promoted by Russia and neighbouring nations. The key influences stem from Nikolai Fedorov, Kontsantin Tsiolkovsky, Friedrich Tsander and Yuri Gagarin. The narrative of the twentieth-century Soviet space programme is considered from this perspective and the cultural importance of Tsiolkovsky to this programme is acknowledged. This is an alternative perspective to the commonly-held Western view of the "Space Race." The manipulation of imagery and ritual of space exploration by Russia and other neighbouring nations is examined, and the effect on the "collective remembering" in modern Russia of key events in Russian space exploration is tested.

Space Coloring Book for Kids

Space Patrol

The Story of the Herschel Space Observatory

Issues of Law and Policy

Expert Tips and Techniques on Using Closets, Corners, and Every Other Space in Your Home

First Big Book of Space

A Critical History of Life in Outer Space

"If you are determined to encourage creativity and provide a collaborative environment that will bring out the best in people,you will want this book by your side at all times." —Bill Moggridge, Director of the Smithsonian’sCooper-Hewitt National Design Museum "Make Space is an articulate account about theimportance of space; how we think about it, build it and thrive init." —James P. Hackett, President and CEO, Steelcase An inspiring guidebook filled with ways to alter space tofuel creative work and foster collaboration. Based on the work at the Stanford University d.school and itsEnvironments Collaborative Initiative, MakeSpace is a tool that shows how space can be intentionallymanipulated to ignite creativity. Appropriate for designers chargedwith creating new spaces or anyone interested in revamping anexisting space, this guide offers novel and non-obvious strategies for changing surroundings specifically to enhance the ways in whichteams and individuals communicate, work, play–and innovate. Inside are: Tools–tips on how to build everything from furniture, toward treatments, and rigging Situations--scenarios, and layouts for sparking creativeactivities Insights--bite-sized lessons designed to shortcut yourlearning curve Space Studies--candid stories with lessons on creatingspaces for making, learning, imagining, and connecting Design Template--a framework for understanding, planning,and building collaborative environments Make Space is a new and dynamic resource for activatingcreativity, communication and innovation across institutions,corporations, teams, and schools alike. Filled with tips andinstructions that can be approached from a wide variety ofangles, Make Space is a ready resource forempowering anyone to take control of an environment.

Future of Space