

Space Race

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Space Race

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Space Race (Space Race 1) Praeger Pub Text

From the author of 'Seven Wonders of the Industrial World', the ebook edition of the TV tie-in charting the shocking but true story behind the space race - and the ruthless, brilliant scientists who fuelled it.

The Soviet Space Race with Apollo National Geographic Books

Veteran space journalist digs into the science and technology--past, present, and future--central to our explorations of Earth's only satellite, the space destination most hotly pursued today. In these rich pages, veteran science journalist Leonard David explores the moon in all its facets, from ancient myth to future "Moon Village" plans. Illustrating his text with maps, graphics, and photographs, David offers inside information about how the United States, allies and competitors, as well as key private corporations like Moon Express and Jeff Bezos's Blue Origin, plan to reach, inhabit, and even harvest the moon in the decades to come. Spurred on by the Google Lunar XPRIZE--\$20 million for the first to get to the moon and send images home--the 21st-century space race back to the moon has become more urgent, and more timely, than ever. Accounts of these new strategies are set against past efforts, including stories never before told about the Apollo missions and Cold War plans for military surveillance and missile launches from the moon. Timely and fascinating, this book sheds new light on our constant lunar companion, offering reasons to gaze up and see it in a different way than ever before.

Astrotopia Enslow Publishing, LLC

[i]Inside the Space Race[i] is a well documented personal account of one of the most important periods in American history - when the nation was in grave danger of a nuclear attack from space. The author gives an inside look at events, personalities and clashes among individuals who developed the program that enabled the United States to beat the Soviets and send astronauts to the moon.

Space Race (Disney Junior: Miles From Tomorrowland) Twenty-First Century Books

On July 20th, 1969, Neil Armstrong landed gently on the lunar surface and became the first person to set foot on another world. People around the world stopped what they were doing to crowd around television sets and radios to witness one of the greatest achievements in human history—a man walking on the moon. How did we get there? Why haven't we gone back? In *The Space Race: How the Cold War Put Humans on the Moon*, kids ages 12 to 15 explore the race to the moon against the chilling backdrop of the Cold War. The Space Race was the period during and after the Cold War when America and the Soviet Union participated in a fierce competition to see which country could beat the other into space. It was a time of bitterness, fear, and secrecy, but it was also a moment in history when two countries directed resources toward pushing themselves to reach goals that were once thought unattainable. Would we have succeeded as far as we did without the competition to be first? While Neil Armstrong will be remembered as the first person to set foot on the moon, the people and events behind this accomplishment populate a fascinating tale of politics, science, technology, and teamwork that resulted in what might be the greatest accomplishment of the twentieth century. In *The Space Race*, middle school students explore this history of science and discover the political, social, and economic factors that led to incredible achievements in space, including the launch of Sputnik, the launch of Explorer I, and eventually, the landing of Apollo 11 on the moon, where Neil Armstrong took those famous first steps. Middle school students will meet some of the tens of thousands of engineers and scientists that worked for years to create the technology needed to send humans to the moon and return them safely to Earth. By showing space events against the backdrop of the turmoil back on Earth, readers understand that scientific achievement doesn't happen in a vacuum, even when it happens in space! A wealth of links to primary sources makes this an interactive learning experience while science-minded STEAM activities link the historical and scientific material. Throughout the fun facts, cool photos, and investigative projects, kids are encouraged to explore creative and critical thinking and problem-solving strategies. *The Space Race* is one book in a set of four that explore great events of the twentieth century. Other titles in this set include *Globalization: Why We Care About Faraway Events*; *The Vietnam War*; and *World War II: From the Rise of the Nazi Party to the Dropping of the Atomic Bomb*.

Epic Rivalry Texas A&M University Press

Ten teams. One grand prize. The Race is on.Arlo Lewis was resigned to his station in life as a supply hauler for one of the Primary Corporations ruling Earth, until an acquisition forces him to re-evaluate his situation. When he's hand selected to lead SeaTech's Race team, he struggles to return to the competitive field he abandoned as a teenager. With an eager team, and the promise of a better future, Arlo takes on the challenge, only to find more at stake than the rights to Proxima. Under the threat of a revolution brewing at the finish line, things don't go as expected. The galaxy will never be the same. But that may be exactly what Arlo needs.Join Space Race today!From the author of *The Survivors* and *Baldwin's Legacy* comes a thrilling new series.

Space Race Collins & Brown

The First Space Race reveals the inside story of an epic adventure with world-altering stakes. From 1955 to 1958, American and Soviet engineers battled to capture the world's imagination by successfully launching the world's first satellite. The race to orbit featured two American teams led by rival services--the Army and the Navy--and a Soviet effort so secret that few even knew it existed. This race ushered in the Space Age with a saga of science, politics, technology, engineering, and human dreams. Before 1955, the concept of an artificial satellite had been demonstrated only on paper. The first nation to transform theory into practice would gain advantages in science, the Cold War propaganda contest, and the military balance of power. Visionaries such as America's Wernher von Braun and Russia's Sergey Korolev knew these fields of endeavor would be affected by the launch of a satellite. Moved by patriotism, inquisitiveness, and pride, people on both sides of the Iron Curtain put forth heroic efforts to make that first satellite possible. Some aspects of this story, like the Navy's NOTSNIK satellite project, are almost unknown. Even some details of well-known programs, such as the appearance of America's pioneering Explorer 1 satellite and the contributions made by its rival, Project Vanguard, are generally misremembered. In this book, authors Matt Bille and Erika Lishock tell the whole story of the first space race. They trace the tale from the origins of spaceflight theory and through the military and political events that engendered the all-out efforts needed to turn dreams into reality and thus shape the modern world.

Apollo 13 Nomad Press

Blast off alongside space expert Sarah Cruddas on a ride-along through space exploration history with interviews from real astronauts! This children's space handbook takes you on a journey through the history of space exploration. Unpack space history, its future, and fascinating information on human exploration of our galaxy. This picture book will answer your kid's planet-sized questions. Suited for space-intrigued 7-9-year old's who are eager to learn about the galaxy! This children's book includes a foreword by NASA astronaut Eileen Collins, the first woman to command a space shuttle mission. Learn about real-life astronauts, including Apollo 17's Eugene Cernan and Virgin Galactic Test Pilot Kelly Latimer, who both give us insights about life in space! From man's dream on Earth about going into space to man's first steps on the moon and beyond, satisfy your interest of space by immersing yourself in first-hand thought-provoking stories and jaw-dropping visuals of this high quality, content-rich educational book. Read about the hidden stories behind the most famous space missions, before embarking on a journey through our space future. Propelled by recent scientific discoveries and printed to coincide with the 50th anniversary of the Apollo 11 Moon landing, *The Space Race* is an essential children's handbook to understanding every aspect of the history, and future, of human space travel. Track Our Incredible Human Journey Through The Cosmos Track our incredible human journey through the cosmos. Delve into 50 years of space exploration with Sarah Cruddas, who shares exciting first-hand experiences of real astronauts and milestone events. How did we land on the Moon? What will the space jobs of the future look like? And why did we send a car to space? *The Space Race* answers all of the big questions that kids have about space travel. Let your children explore their own questions with factual content that will leave them captivated and perhaps, who knows, want to become an astronaut too someday? This educational space book takes you on a journey through: - History of the race to the moon - Trailblazers in space exploration - The new space race - The future of space innovation *Chase to Space* Simon and Schuster

The cold war served as the backdrop of the competition to find out which superpower - the United States or the Soviet Union - could reach outer space first. On October 4, 1957, the Soviet Union launched Sputnik I, and the space race was officially on. Featuring images, this work presents a description of the unforgettable time in modern history.

The Space Race Penguin

In these rich pages, veteran science journalist Leonard David explores the moon in all its facets, from ancient myth to future "Moon Village" plans. Illustrating his text with maps, graphics, and photographs, David offers inside information about how the United States, allies and competitors, as well as key private corporations like Moon Express and Jeff Bezos's Blue Origin, plan to reach, inhabit, and even harvest the moon in the decades to come. Spurred on by the Google Lunar XPRIZE - \$20 million for the first to get to the moon and send images home - the 21st-century space race back to the moon has become more urgent, and more timely, than ever. Accounts of these new strategies are set against past efforts, including stories never before told about the Apollo missions and Cold War plans for military surveillance and missile launches from the moon. Timely and fascinating, this book sheds new light on our constant lunar companion, offering reasons to gaze up and see it in a different way than ever before.

The Space Race Nomad Press (VT)

Presents the story of space exploration, from the race for rockets and putting a man on the moon, to the International Space Station and life beyond our solar system.

The Missile and Space Race B.E.S. Publishing

Colin's new friend is filled with out-of-this-world surprises! Colin has a strange new classmate. His name is Harry. He is suspiciously neat, and he spends a lot of time in the trash bin at the back of the school. When curious Colin dives in after Harry one day, he doesn't find banana peel and custard in there. Rows of lights flicker on, and the bin begins to hum. Colin's day is about to turn Cosmic! With silliness and mayhem, doodles and disasters, this book is perfect for engaging younger readers.

Space Race HarperCollins UK

Winner of the Emme Award for Astronautical Literature, 2001 "The essential reference work for Soviet/Russian space history . . . for anyone hoping to make sense of the too many 'truths' of Soviet Space history."--*Journal of Military History* "We finally have a definitive English-language history covering the first three decades of the Soviet Union's space program. Sixteen years in the making, Asif Siddiqi's amazingly detailed book provides a kaleidoscopic view of the technical and political evolution of Soviet missile and space projects. . . . a veritable gold-mine of factual information."--*Air Power History* "An extraordinary volume. . . . This is not simply an account of one side of the space race. It is nothing less than the first full-scale, detailed explanation of how and why the Soviet Union led the world into space. It belongs on the shelf of every historian with an interest in flight, technology and politics, the Cold War, or any one of a score of related topics."--*The Public Historian* "No space buff's library will be complete without this book. Readers will marvel at the complex interactions between design bureaus, and will enjoy getting to know the people behind the failed Soviet effort--a vital step toward putting Apollo's victory in context."--*Smithsonian Air and Space* "Absolutely mandatory on the bookshelf of anyone interested in space."--*Encyclopedia Astronautica* First published by NASA in 2000 as *Challenge to Apollo*, these two volumes are the first comprehensive history of the Soviet-manned space programs covering a period of thirty years, from the end of World War II, when the Soviets captured German rocket technology, to the collapse of their moon program in the mid-1970s. The spectacular Soviet successes of Sputnik--the first Earth satellite (1957) and Yuri Gagarin--the first man in space (1961) shocked U.S. leaders and prompted President John F. Kennedy to set the goal of landing a man on the moon before the end of the 1960s. The moon race culminated with the historic landing of Neil Armstrong and Buzz Aldrin on the moon in 1969 (coincidentally the first Soviet unmanned moon probe crashed on its surface while the American astronauts were at Tranquility Base). The epic story of the Soviet space program remained shrouded in secrecy until the unprecedented opening of top secret documents. Based almost entirely on these Russian-language sources and numerous interviews with veterans, Siddiqi's book breaks through the rumors, hearsay, and speculation that characterized books on the Soviet space program published during the Cold War years. Supplementing the text with dozens of previously classified photographs, he weaves together the technical, political, and personal history of the major Soviet space programs, providing the other side of the history of human space flight. Asif A. Siddiqi is a Ph.D. candidate in history at Carnegie Mellon University.

Sputnik/Explorer I HarperCollins

Based on the New York Times bestselling book and the Academy Award-nominated movie, author

Margot Lee Shetterly and Coretta Scott King Illustrator Honor Award winner Laura Freeman bring the incredibly inspiring true story of four black women who helped NASA launch men into space to picture book readers! Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden were good at math...really good. They participated in some of NASA's greatest successes, like providing the calculations for America's first journeys into space. And they did so during a time when being black and a woman limited what they could do. But they worked hard. They persisted. And they used their genius minds to change the world. In this beautifully illustrated picture book edition, we explore the story of four female African American mathematicians at NASA, known as "colored computers," and how they overcame gender and racial barriers to succeed in a highly challenging STEM-based career. "Finally, the extraordinary lives of four African American women who helped NASA put the first men in space is available for picture book readers," proclaims Brightly in their article "18 Must-Read Picture Books of 2018." "Will inspire girls and boys alike to love math, believe in themselves, and reach for the stars."

Inside the Space Race little bee books

Blast off into outer space with Miles and all the characters from Disney Junior's Miles from Tomorrowland. Children ages 2 to 5 will enjoy this full-color Little Golden Book, which retells an episode of the hit series in which Miles and his robo-ostrich, Merc, compete in an awesome space race.

Space Race Columbia University Press

Recounts American-Russian competition in space from Sputnik to Apollo 13

Moon Rush University of Chicago Press

This book is a history of the missile and space race in the 1950s and 1960s.

Space Race: The Battle to Rule the Heavens (text only edition) HarperCollins UK

Looks at the history of the space race, detailing how the United States and the Soviet Union competed in space exploration in the 1960s.

The Space Race Simon and Schuster

Get ready to blast back to the past and learn all about the Space Race! When people think about the Space Race, things like astronauts and the Soviet Union may come to mind. But why was there a race, and who won anyway? This engaging nonfiction book, complete with black and white interior illustrations, will make readers feel like they've traveled back in time. It covers everything from the Cold War to the moon landing, and more. Find out interesting, little-known facts such as how the moon has an unpleasant odor and how a prototype of the ballpoint pen was invented by NASA for astronauts to use in zero-gravity conditions! The unique details along with the clever and humorous

interior illustrations make this series stand out from the competition.

Moon Rush DK Children

Learn why NASA astronaut Mike Collins calls this extraordinary space race story "the best book on Apollo": this inspiring and intimate ode to ingenuity celebrates one of the most daring feats in human history. When the alarm went off forty thousand feet above the moon's surface, both astronauts looked down at the computer to see 1202 flashing on the readout. Neither of them knew what it meant, and time was running out . . . On July 20, 1969, Neil Armstrong and Buzz Aldrin became the first humans to walk on the moon. One of the world's greatest technological achievements -- and a triumph of the American spirit -- the Apollo 11 mission was a mammoth undertaking involving more than 410,000 men and women dedicated to winning the space race against the Soviets. Set amid the tensions and upheaval of the sixties and the Cold War, *Shoot for the Moon* is a gripping account of the dangers, the challenges, and the sheer determination that defined not only Apollo 11, but also the Mercury and Gemini missions that came before it. From the shock of Sputnik and the heart-stopping final minutes of John Glenn's Mercury flight to the deadly whirligig of Gemini 8, the doomed Apollo 1 mission, and that perilous landing on the Sea of Tranquility -- when the entire world held its breath while Armstrong and Aldrin battled computer alarms, low fuel, and other problems -- James Donovan tells the whole story. Both sweeping and intimate, *Shoot for the Moon* is "a powerfully written and irresistible celebration" of one of humankind's most extraordinary accomplishments (Booklist, starred review).

Space Race Hachette UK

When Neil Armstrong and Buzz Aldrin walked on the moon in 1969, they personified an almost unimaginable feat - the incredibly complex task of sending humans safely to another celestial body. This extraordinary odyssey, which grew from the rivalry between the United States and the Soviet Union during the Cold War, was galvanized by the Sputnik launch in 1957. Written by Smithsonian curator Von Hardesty and researcher Gene Eisman, *Epic Rivalry* tells the story from both the American and the Russian points of view, and shows how each space-faring nation played a vital role in stimulating the work of the other. Scores of rare, unpublished, and powerful photographs recall the urgency and technical creativity of both nations' efforts. The authors recreate in vivid detail the parallel universes of the two space exploration programs, with visionaries Wernher von Braun and Sergei Korolev and political leaders John F. Kennedy and Nikita Khrushchev at the epicenters. The conflict between countries, and the tense drama of their independent progress, unfolds in vivid prose. Approaching its subject from a uniquely balanced perspective, this important new narrative chronicles the epic race to the moon and back as it has never been told before, and captures the interest of casual browsers and science, space, and history enthusiasts alike.