

Space Encyclopedia A Tour Of Our Solar System And Beyond National Geographic Kids

Blast off into space to discover the galaxies and beyond with the new edition of this out-of-this-world reference. Send your child on an amazing journey into space. They'll see the Hubble telescope orbiting the Earth, discover the birth of our solar system and follow the search for life on Mars. Packed with practical tips for the amateur astronomer, spectacular images from space, detailed charts and fantastic facts. Perfect for home or school, there are even instructions on building a simple telescope! Supports Common Core State Standards. Space: A Children's Encyclopedia is completely revised and updated for 2020, with new images and information to cover the latest developments in all things space-y. From Space travel and exploration, to the wonders of the Solar System such as the Moon and the Sun, and the mysteries of the Universe such as dark matter and black holes - this ebook covers all you need to know about the cosmos. The most up-to-date images from space agencies such as NASA and ESA combine with info panels, timelines, interviews, diagrams, and activities you can do at home to help you understand the majesty and wonder of Space. Learn about the Space Race, the Apollo Moon Landings, the Voyager craft that first probed the outer planets and have now left the Solar System, the Hubble telescope, and the International Space Station (ISS) - the state-of-the-art science laboratory orbiting Earth - as well as future missions, space tourism, and the latest discoveries in the furthest reaches of our galaxy. Discover how to work out the constellations and where to look for prominent stars and planets in the night sky, such as Venus and Mars, and how galaxies such as our Milky Way work and were formed. Part of a series of best-selling encyclopedias for children, Space: A Children's Encyclopedia is a rocket ride from the beginning of time to the near future, and from planet Earth out to the furthest reaches of the Universe.

"Blast off to a universe of photos, facts, and fun!"--Front cover.

Offers an illustrated encyclopedia of general science, with informative and fun facts on a broad array of scientific topics.

Reach for the stars with this best-selling reference ebook for children. The comprehensive visual encyclopedia looks deep inside space, using stunning photography to excite younger readers and show them the many wonders of our extraordinary Universe. From asteroids and comets to galaxies and planets, Space Visual Encyclopedia takes kids on an in-depth tour of our Solar System and beyond! Go starry-eyed as you learn about the different constellations and look to the skies for the rockets, shuttles, and telescopes used in the most incredible space missions to date. Be inspired by the people who have influenced space history, from ancient astronomers to groundbreaking astronauts. Solve the mysteries of the Universe as you travel back to the Big Bang, experience the pull of a black hole, and come face to face with dark matter. With its stunning visuals and amazing facts, Space Visual Encyclopedia is a must-have for every space enthusiast. So what are you waiting for? 3-2-1, blast off!

Knowledge Encyclopedia Space! reveals jaw-dropping 3D images of planets, stars and much more. The perfect kids space book, packed with amazing space facts and NASA images revealing the wonders of the cosmos, from black holes to the big bang. See our universe in greater detail than ever before and bring the wonders of the cosmos to life. Perfect for projects or kids interested in the wonders of space, covering every (known) inch of our solar system, galaxy and universe. Take a closer look at Jupiter with 3D images that show each space object in incredible detail or explore the millions of stars in the night's sky. Fully up-to-date with the latest stunning images from NASA and Hubble. Help your kids explore the wonders and mysteries of our universe with Knowledge Encyclopedia Space!

Put your safety goggles on and enter the fascinating world of science with this visually stunning encyclopedia. Perfect for curious kids, SuperScience presents the wonders of science as never seen before. Explore the clever and cutting-edge ways science can impact our world through jaw-dropping photography and revealing computer-generated images. Discover how we explore the vast reaches of space, study wild weather such as storms and volcanoes, eradicate diseases, and even find out how science has helped fields like history and the arts. The ebook examines the science behind everyday life - how we power our homes, grow our food, and build machines that allow us to communicate with others and travel around the world. Featuring a wide range of scientific inventions and discoveries, from advances in modern medicine to groundbreaking ideas for saving the environment, SuperScience uncovers how science plays a part in every area of our lives. SuperScience will make young readers see the science surrounding us in a thrilling new light.

From the Moon, Sun, and planets of our Solar System to space exploration, black holes, and dark matter, this completely revised and updated children's encyclopedia covers all you need to know about the cosmos. The most up-to-date images from space agencies such as NASA and ESA combine with info panels, timelines, interviews, diagrams, and activities you can do at home to help you understand the majesty and wonder of space. Learn about the Space Race, the Apollo Moon Landings, the Voyager craft that first probed the outer planets, the Hubble telescope, and the International Space Station (ISS) - the state-of-the-art laboratory orbiting Earth. Find out about future missions, space tourism, and the latest discoveries in the furthest reaches of our galaxy. Discover how to find constellations and where to look for stars and planets, including Venus and Mars, in the night sky. Learn how galaxies such as our Milky Way were formed. Part of a series of best-selling encyclopedias for children, Space: A Children's Encyclopedia is a rocket ride from the beginning of time to the near future, and from planet Earth out to the furthest reaches of the Universe.

Journey from Earth to the outer reaches of the universe with this stunning book about space! You'll encounter bizarre planets, distant stars, and intricate galaxies. From planets and asteroids to black holes and galaxies, every page of this captivating book reveals the secrets behind more than 100 celestial objects. Get ready to explore fun facts and exciting new scientific discoveries! For centuries, the mysteries of space have captured our imaginations. This picture book will illuminate imaginations and spark curious minds to explore the vastness of space. Take your little astronaut on a journey from our planet out into the furthest reaches of the universe! Filled with gorgeous illustrations and incredible photography, young readers will be intrigued by the detailed close-up images of each celestial body. The engaging storybook-style descriptions and simple text shed a light on facts, myths, and key discoveries about the universe. Explore the wonders of our solar system and beyond. This educational book also includes reference pages packed with fascinating information. Journey Through the Vastness of Space Join us on an adventure across the universe, as we rocket to the stars! Discover 100 objects from the universe, arranged from the closest to our planet to the ones the furthest away. Storybook-style text and out-of-this-world pictures make this book perfect for an astronomical bedtime. It's also a fantastic gift for children who can't get enough of space. Grab your spacesuit and put your helmet on! Inside the pages of this adventure book, you'll find: - Beautiful illustrations and incredible photography that showcase the mysteries of space. - Discover 100 remarkable objects in the cosmos. - Engaging storybook-style descriptions that explain key discoveries about the universe. More to Explore Once you've discovered The Mysteries of the Universe, dive into the companion titles from this series from DK Books! The Wonders of Nature explores more than 100 items from the natural world and An Anthology of Intriguing Animals showcases animals around the world.

Take a journey through space as you study the stars and constellations before venturing out into the solar system and beyond

A tour of outer space explores the solar system as well as stars, galaxies, and the birth of planets, and speculates on whether other intelligent beings exist in the universe.

It's time to learn about outer space. Open the pages of this educational book so that your child can see, experience and learn from the wonders and mysteries of the cosmos. Detailed in the following pages are important information on how the universe came to be. Are you interested to know how it all began? If so, then begin reading today!

A spacetastic new edition beaming with incredible pictures and the latest facts about the universe. From the origin of the universe to the future of space rockets, this book about space for kids has it all. Did you know that the moon was once a piece of the Earth, and that a day on Venus is longer than one year? First published in 2015, Knowledge Encyclopedia: Space! has been completely revised and updated for 2020, with new images and information on all things space-related to send you rocketing to the furthest reaches of the cosmos. Newly updated with the latest scientific discoveries and innovation in space engineering, this new title will answer all your questions about what lies beyond the night sky.

Discover how stars and galaxies are formed, take a trip through the Milky Way, and explore the innards of the International Space Station in this incredible book that uses the latest computer-generated 3-D imagery, eye-catching photographs, gripping information, and explanatory diagrams to bring the wonders of the cosmos to life. Knowledge Encyclopedia: Space! is the big bang of space books, and it's just gotten bigger!

Travel into space with this comprehensive visual encyclopedia of the cosmos, from the Big Bang to the Extremely Large Telescope. Full of galactic facts, dramatic photographs, and CGI artwork, and based on the latest astronomical research, this is a definitive guide to our Solar System, the Universe, and beyond... Accessible, entertaining, and authoritative, this comprehensive visual encyclopedia is the perfect introduction to the world of space and astronomy for children aged eight and above.

Blast off into space with the experts at National Geographic to discover everything we know about the universe, including exciting, recent discoveries and amazing brand-new NASA space photography. The updated and expanded edition of the hit Space Encyclopedia presents the most up-to-date findings on space exploration and research and breathtaking views of the universe, as captured by the latest and greatest technology, including the recent first ever image of a black hole.

This complete reference contains everything kids need to know about our sun and planets including the new dwarf planets, the formation of the universe, space travel, the possibility of life beyond Earth, and more. Authored by David A. Aguilar, an internationally recognized astronomer and former Director of Science Information and Public Outreach at the Harvard-Smithsonian Center for Astrophysics, it is an authoritative and beautifully illustrated must-have for every family, providing both accessible information for school reports and compelling reading on the mysteries beyond our planet. Presents an illustrated guide to the universe that contains more than three thousand alphabetically arranged entries and five hundred photographs, star maps, and diagrams.

The New York Times bestselling tour of the cosmos from three of today's leading astrophysicists Welcome to the Universe is a personal guided tour of the cosmos by three of today's leading astrophysicists. Inspired by the enormously popular introductory astronomy course that Neil deGrasse Tyson, Michael A. Strauss, and J. Richard Gott taught together at Princeton, this book covers it all—from planets, stars, and galaxies to black holes, wormholes, and time travel. Describing the latest discoveries in astrophysics, the informative and entertaining narrative propels you from our home solar system to the outermost frontiers of space. How do stars live and die? Why did Pluto lose its planetary status? What are the prospects of intelligent life elsewhere in the universe? How did the universe begin? Why is it expanding and why is its expansion accelerating? Is our universe alone or part of an infinite multiverse? Answering these and many other questions, the authors open your eyes to the wonders of the cosmos, sharing their knowledge of how the universe works. Breathtaking in scope and stunningly illustrated throughout, Welcome to the Universe is for those who hunger for insights into our evolving universe that only world-class astrophysicists can provide.

This stimulating and comprehensive encyclopedia for children ages 8-12 provides answers to all the questions kids love to ask. Each chapter is jam-packed with maps, charts, timelines, diagrams, beautiful images, and amazing facts. Did you know, for example, that a single drop of blood contains around five million blood cells? Or that there are areas of desert in all seven of Earth's continents? Kids can build their knowledge on a wide range of topics-including Earth and beyond, plants and animals, history and politics, science, technology, and the human body-arranged thematically with more than 9,000 indexed entries and 2,500 colorful images. Cross-reference icons encourage children to explore and discover linked information, feeding their curiosity and building their general knowledge. The New Children's Encyclopedia, which has sold almost 500,000 copies worldwide since 2009, has now been fully updated in line with the latest knowledge and research. Developed, written, and checked by experts, this is the must-have reference book for every child's library.

Presents a tour of Earth's natural structures, weather patterns, ocean phenomena, and constantly changing features. "This ... atlas takes readers through maps of the solar system, the Milky Way, and deep space, giving them a close look at and locations of planets, supernovas, and other universes. Sky maps will help kids spot these objects in the night sky and maps of planets and our solar system give the kind of ... detail that National Geographic is known for"--Amazon.com. The Illustrated Encyclopedia of Space & Space Exploration will inspire and educate anyone interested in finding out more about the Universe.

Through gorgeous illustrations and photography, readers will see the moon as never before. Weaving together science and myth, history and technology, this book is ideal for anyone who's ever imagined walking on the moon, wondered about the night sky, or been captivated by a thrilling werewolf story. Full color.

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

"A 22-volume, highly illustrated, A-Z general encyclopedia for all ages, featuring sections on how to use World Book, other research aids, pronunciation key, a student guide to better writing, speaking, and research skills, and comprehensive index"--

"To celebrate NASA's Hubble Space Telescope and its 25 years of accomplishments, let The Hubble Cosmos fill your mind with big ideas, brilliant imagery, and a new understanding of the universe in which we live. Relive key moments in the monumental Hubble story, from launch through major new instrumentation to the promise of discoveries to come. With more than 150 photographs including Hubble All-Stars the most famous of all the noteworthy images The Hubble Cosmos shows how this telescope is revolutionizing our understanding of the universe."

Space Atlas combines updated maps, lavish photographs, and elegant illustrations to chart the solar system, the universe, and beyond. For space enthusiasts, science lovers, and star gazers, here is the newly revised edition of National Geographic's enduring guide to space, with a new introduction by American hero Buzz Aldrin. In this guided tour of our planetary neighborhood, the Milky Way and other galaxies, and beyond, detailed maps and fascinating imagery from recent space missions partner with clear, authoritative scientific information. Starting with the sun and moving outward into space, acclaimed science writer and physicist James Trefil illuminates each planet, the most important moons, significant asteroids, and other objects in our solar system. Looking beyond, he explains what we know about the Milky Way and other galaxies--and how we know it, with clear explanations of the basics of astrophysics, including dark matter and gravitational waves. For this new edition, and to celebrate the 50th anniversary of his moonwalk, astronaut and American hero Buzz Aldrin offers a new special section on Earth's moon and its essential role in space exploration past and future.

In the tradition of DK's acclaimed Children's Encyclopedia series, the DK Space Encyclopedia is a comprehensive school, library, and home reference to the fascinating world of space, from strange phenomena like black holes to the latest stunning images from the Hubble Telescope. Covering cosmology, astrophysics, astronomy, and space exploration, the book's clear, informative text and thousands of photos, graphics, cross sections, maps, and charts give children age 8 and up absorbing, unparalleled view of our universe.

This amazing 160-page volume is the perfect guide to space and outer space for children aged seven plus. It is packed with colorful illustrations, step-by-step sequences, and the latest photography to keep children engaged and entertained. Arranged thematically into key areas, the concise text is clear, accurate, and perfectly pitched, making this an unbeatable resource for home and school. Plus, a glossary and index are included along with a list of websites for further learning.

This brilliant children's encyclopedia is informative, diverse in subject matter, easy to read and brimming with ground-breaking CGI graphics that make it a truly immersive reading experience, revealing the world as you've never seen it before. An incredible, educational journey through space and time on planet Earth and beyond. This is the perfect educational book for a young explorer. Experience the Big Bang at the beginning of the universe and travel through our world's rich history right up until the digital world we live in today. This magnificent general knowledge book will entertain and educate. A breath-taking comprehensive guide to planet Earth and the universe that is guaranteed to boost your child's brainpower. It covers the complexities of space, science, nature, technology, art, history, and culture, which are broken down into bite-sized chunks supported by statistics, maps, timelines, and cutting-edge graphics to make even the most complex subjects easy to understand. Look inside an Apollo spacecraft, a volcano, or the body of a T-rex! Learn about the Big Bang and the science behind fireworks. Then explore the galaxies and stars back to Earth, and in and around the mechanics of the human body. This fully updated edition of Knowledge Encyclopedia is the perfect fact book for kids of all ages to go on an adventure through its pages. Explore, Discover And Learn! Spend quality time exploring our universe, accompanied by impressive visuals to engage their senses. Discover the mysteries of Tutankhamun's tomb, what powers tsunamis, tornadoes, and earthquakes or witness the birth of a star in all its glory and learn about the secrets held in our DNA. You can also go back in time to the building of the Great Wall of China or walk the scarred battlefields of two World Wars. Knowledge Encyclopedia uncovers the marvels of our world in unprecedented detail and with stunning realism. This kid's educational book opens the world in new ways through: - Amazing insights into space and the universe - Interesting facts about Earth - A closer look at nature - Diving into the human body - The amazing world of science - Our world's history Knowledge Encyclopedia is part of a children's encyclopedia set forming the Knowledge Encyclopedia educational series. Complete this collection of books for kids to keep your little ones entertained while learning more about the world around them. This series includes Knowledge Encyclopedia Dinosaur!, History!, Space!, Ocean! and more.

Discover everything you've ever wanted to know about space in a stellar book for aspiring experts, featuring exclusive astronomical insights and info from National Geographic explorer and astrophysicist Munazza Alam! Ready to go on an out-of-this world adventure? Travel across the Milky Way and into new galaxies to explore every corner of space so YOU can become an absolute expert. Get up close to the sun and moon, asteroids and comets. Learn about the Oort Cloud, supernovas, black holes, and rockets and other spacecraft. Discover the incredible work of astronauts, astronomers, physicists, and other cool space scientists. On this journey across the universe, you'll make your way from our familiar home here on Earth to planets and solar systems that are many light-years away. Rub elbows with the stars on this cosmic adventure complete with special features, sidebars, wacky trivia, and more.

Profiles each of the planets in Earth's solar system, including Pluto, Ceres, Eris, Haumea, MakeMake, the sun, the Oort cloud, comets, and more.

An illustrated grand tour of the universe, beginning in our own solar system before moving on to the Milky Way galaxy and finally on to the building blocks of the universe, including dark matter and dark energy.

Space Encyclopedia A Tour of Our Solar System and Beyond National Geographic Books

The National Geographic Encyclopedia of Space offers clear and concise explanations of the planets; telescopes; manned space flight; satellites; the origin of the universe; the contributions of Nicolaus Copernicus, Edwin Hubble, and Stephen Hawking; and much more. The Encyclopedia of Space answers such questions as How vast is the Milky Way? What makes a satellite stay up? How does deep space affect our daily climate? Arranged in six thematic chapters, the Encyclopedia of Space brings together in one accessible volume the varied aspects of space science: the solar system, deep space exploration (manned and unmanned) and discovery, satellites and orbits, and the commercial, scientific, and military uses of space. Tables, diagrams, maps, and fact boxes provide additional information and value. The encyclopedia is enriched by recently declassified intelligence material and photographs from the U.S. Navy and the National Reconnaissance Office, the latest Hubble images, and essays written by leading professionals in the field, such as Kathryn Sullivan and Sylvia Earle. Astronaut Buzz Aldrin, who landed on the Moon with Neil Armstrong, will write a foreword to the encyclopedia.

Take your child on an incredible journey through our Solar system and beyond with this first reference for young space explorers. Discover all about our galaxy from how big it is and where it is, to how it was formed, then explore our amazing planets together. Find out why astronauts get taller when they're in space, where the biggest mountain in the Solar

System is and even how a mysterious black hole forms. Packed with curiosity quizzes, 'weird-or-what' boxes and out-of-this-world facts kids love getting their teeth into, there's lots to see and explore. Perfect for homework or just for fun. Go ahead, let your children's imagination blast off into the cosmos!

Illustrations, photographs, star charts, moon maps, and scientific diagrams are compiled in a reference tool that explores the new solar system, the birth and death of stars, black holes, and space engineering.

From the publishers of the award-winning Knowledge Encyclopedia comes Space! Truly encyclopedic in scope and fully up-to-date covering the stars and planets, space exploration, and the night sky, Space! is packed with amazing facts and NASA images revealing the wonders of the cosmos -- from black holes to the big bang to the planets. Using computer-generated 3D models to explore and open up the most amazing objects in the universe, showing each object in incredible detail, Space! is bursting with facts, infographics, and data boxes. Every topic is covered in depth and detail while remaining easy to understand at a glance. With fresh content, up-to-date images, and crystal-clear, hi-tech design, Space! is a bold new approach to family reference.

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