

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

Space!National Geographic Kids Ultimate Space AtlasEncyclopedia of Leisure and Outdoor RecreationEarth and SpaceDr Space Junk vs The UniverseSuper StarsNational Geographic Encyclopedia of Space13 PlanetsKnowledge Encyclopedia Space!Space A Children's EncyclopediaPlanets, Stars, and GalaxiesChildren's Encyclopedia of BirdsDK Space EncyclopediaScience EncyclopediaQuasars and Black HolesNational Geographic Kids Everything SpaceVisual Encyclopedia of SpaceUltimate Body-pediaEncyclopedia of SpaceSpaceAtlasDid You Know? SpaceThe New Children's EncyclopediaSpace EncyclopediaRocket ScienceSpace MapsEncyclopedia of Space and AstronomySpace EncyclopediaA Short History of Nearly EverythingLiterature of Travel and Exploration: R to Z, indexLittle Kids First Big Book of WhyCosmic CatastrophesAlien WorldsChildren's Encyclopedia of SpaceThe Fabric of the CosmosLunaSpace Visual EncyclopediaThe Illustrated Encyclopedia of Space & Space ExplorationSpace EncyclopediaThe Kingfisher Space Encyclopedia

Space!

In the vast realm of outer space, accidents happen all the time. Things bump into each other. Stars blow up. Space rocks smash into planets. Black holes gobble up everything in their path. The sun is burning out. A comet swarm is bearing down. Any of this could change—or even eliminate—life on a planet like Earth. Countdown to cosmic catastrophes! From asteroid hit to alien invasion, astronomer David Aguilar builds the scientific case for seven extreme events that could impact Earth. (Though not as we know it: most of these catastrophes are way down the cosmic line . . . we hope!) He tells an exciting nonfiction story about how and why these space catastrophes could happen and then creates beautiful, original art to show just how devastatingly spectacular it will be when any one of these seven “big ones” hit! The SMITHSONIAN INSTITUTION is the world’s largest museum and research complex. Founded in 1846, it includes nineteen museum and galleries, the National Zoological Park, and nine research facilities. Its vast collections house 138 million artifacts, specimens, and works of art, which represent our nation’s rich heritage, art from across the globe, and the immense diversity of the natural and cultural world. From the Hardcover edition.

National Geographic Kids Ultimate Space Atlas

A pioneering space archaeologist explores artifacts left behind in space and on Earth, from moon dust to Elon Musk's red sports car. Alice Gorman is a space archaeologist: she examines the artifacts of human encounters with space. These objects, left behind on Earth and

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in space, can be massive (dead satellites in eternal orbit) or tiny (discarded zip ties around a defunct space antenna). They can be bold (an American flag on the moon) or hopeful (messages from Earth sent into deep space). They raise interesting questions: Why did Elon Musk feel compelled to send a red Tesla into space? What accounts for the multiple rocket-themed playgrounds constructed after the Russians launched Sputnik? Gorman—affectionately known as “Dr Space Junk”—takes readers on a journey through the solar system and beyond, deploying space artifacts, historical explorations, and even the occasional cocktail recipe in search of the ways that we make space meaningful. Engaging and erudite, Gorman recounts her background as a (nonspace) archaeologist and how she became interested in space artifacts. She shows us her own piece of space junk: a fragment of the fuel tank insulation from Skylab, the NASA spacecraft that crash-landed in Western Australia in 1979. She explains that the conventional view of the space race as “the triumph of the white, male American astronaut” seems inadequate; what really interests her, she says, is how everyday people engage with space. To an archaeologist, objects from the past are significant because they remind us of what we might want to hold on to in the future.

Encyclopedia of Leisure and Outdoor Recreation

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.

Earth and Space

Describes fifteen of the most unusual known stars, plus other interesting stellar objects.

Dr Space Junk vs The Universe

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.

Super Stars

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

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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.

National Geographic Encyclopedia of Space

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.

13 Planets

From Brian Greene, one of the world's leading physicists and author of the Pulitzer Prize finalist *The Elegant Universe*, comes a grand tour of the universe that makes us look at reality in a completely different way. Space and time form the very fabric of the cosmos. Yet they remain among the most mysterious of concepts. Is space an entity? Why does time have a direction? Could the universe exist without space and time? Can we travel to the past? Greene has set himself a daunting task: to explain non-intuitive, mathematical concepts like String Theory, the Heisenberg Uncertainty Principle, and Inflationary Cosmology with analogies drawn from common experience. From Newton's unchanging realm in which space and time are absolute, to Einstein's fluid conception of spacetime, to quantum mechanics' entangled arena where vastly distant objects can instantaneously coordinate their behavior, Greene takes us all, regardless of our scientific backgrounds, on an irresistible and revelatory journey to the new layers of reality that modern physics has discovered lying just beneath the surface of our everyday world.

Knowledge Encyclopedia Space!

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.

Space A Children's Encyclopedia

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

Planets, Stars, and Galaxies

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.

Children's Encyclopedia of Birds

Engineer Stanley Mott, astronomy student John Pope, naval hero Norman Grant, and rocket engineer Dieter Kolff serve as principals in the forty-year history of America's space program and share the complex drama with numerous others

DK Space Encyclopedia

Amazing answers to more than 200 questions about space and the universe, featuring pictures from NASA as well as the latest space exploration news. Did You Know? Space answers all the questions about space that kids ask. What are shooting stars? Why is Jupiter striped? Is anyone else out there? Covering the solar system, stars, galaxies, planets, and beyond, each spread is structured around a question that inquiring young minds ask, with text broken up in manageable chunks designed for providing young readers with a reassuring and fantastic route into space.

Science Encyclopedia

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.

Quasars and Black Holes

A guide to the human body answers common questions through text, photographs, illustrations, and diagrams that discuss body systems and health care, and includes complementary experiments and top ten lists.

National Geographic Kids Everything Space

Take a tour of the universe with this breathtaking collection of photographs from the archives of NASA. Astonishing images of Earth

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from above, the phenomena of our solar system, and the celestial bodies of deep space will captivate readers and photography lovers with an interest in science, astronomy, and the great beyond. Each extraordinary photograph from the legendary space agency is paired with explanatory text that contextualizes its place in the cosmic ballet of planets, stars, dust, and matter—from Earth's limb to solar flares, the Jellyfish Nebula to Pandora's Cluster. Featuring a preface by Bill Nye, this engaging ebook offers up-close views of our remarkable cosmos, and sparks wonder at the marvels of Earth and space.

Visual Encyclopedia of Space

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.

Ultimate Body-pedia

Provides answers to commonly asked questions such as "Why does my skin wrinkle in the tub?" and "Why do we see a rainbow?"

Encyclopedia of Space

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

Space

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

Space Atlas

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

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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.

Did You Know? Space

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

The New Children's Encyclopedia

"An introduction to quasars and black holes with information about their formation and characteristics. Includes diagrams, fun facts, a glossary, a resource list, and an index"--Provided by publisher.

Space Encyclopedia

Get set to blast off into space and explore the wonders of our Solar System and beyond. This ultimate space encyclopedia for children makes learning at home fun and is designed to blow your mind with incredible CGI images, from the deep darkness of black holes to the spectacular sparkle of supernovas. The many mysteries of the Universe are explored in breathtaking detail, including in-depth cross-sections and lifelike cutaways to showcase the planets, stars, moons, and space stations. Featuring absolutely everything under the Sun, this exciting visual reference guide is your guaranteed one-stop shop for space. Bursting with up-to-date facts, infographics, and the latest NASA images, Knowledge Encyclopedia Space! is sure to enthrall and inform readers of all ages.

Rocket Science

Everything you ever wanted to know about space in e-book format Take

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your child on a journey to space and beyond, they'll learn what space is and take a whirl around the sun, moon and stars. Packed with never-seen-before images from the International Space Archive and out-of-this-world pictures from NASA missions, they'll explore our universe as never before. Exclusive interviews, eyewitness accounts, incredible facts and more will teach them everything they need to know. It's an incredible look at the universe in which we live - perfect for space enthusiasts and budding astronomers.

Space Maps

This is a key reference guide for the exploration of leisure and outdoor recreation. It reflects the multidisciplinary nature of these fields and contextualizes the leading research and knowledge on key concepts, theories and practices. Edited by leading authorities in the field, this volume includes a comprehensive index, and up-to-date suggestions for further reading. It is an essential resource for teaching, an invaluable companion to independent study, and a solid starting point for wider subject exploration.

Encyclopedia of Space and Astronomy

"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.

Space Encyclopedia

One of the world's most beloved and bestselling writers takes his ultimate journey -- into the most intriguing and intractable questions that science seeks to answer. In *A Walk in the Woods*, Bill Bryson trekked the Appalachian Trail -- well, most of it. In *In A Sunburned Country*, he confronted some of the most lethal wildlife Australia has to offer. Now, in his biggest book, he confronts his greatest challenge: to understand -- and, if possible, answer -- the oldest, biggest questions we have posed about the universe and ourselves. Taking as territory everything from the Big Bang to the rise of civilization, Bryson seeks to understand how we got from there being nothing at all to there being us. To that end, he has attached himself to a host of the world's most advanced (and often obsessed) archaeologists, anthropologists, and mathematicians, travelling to their offices, laboratories, and field camps. He has read (or tried to read) their books, pestered them with questions, apprenticed himself to their powerful minds. *A Short History of Nearly Everything* is the record of this quest, and it is a sometimes profound, sometimes funny, and always supremely clear and entertaining adventure in the realms of

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human knowledge, as only Bill Bryson can render it. Science has never been more involving or entertaining. From the Hardcover edition.

A Short History of Nearly Everything

The Illustrated Encyclopedia of Space & Space Exploration will inspire and educate anyone interested in finding out more about the Universe.

Literature of Travel and Exploration: R to Z, index

The award-winning creator of *13 Planets: The Latest View of the Solar System* considers the plausibility of alien life and what creatures living on extrasolar planets might be like, drawing on scientific sources to depict alien creatures who have adapted to the unique characteristics of their respective environments.

Little Kids First Big Book of Why

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 --

Cosmic Catastrophes

Focusing on space science and astronomy, this title helps you find out how stars are born and how to measure their distance apart. It enables you to discover which is the biggest planet, and view information and images from robot probes and the Hubble telescope. It also includes databases, annotated photography, digital images, and artworks.

Alien Worlds

Explore the planets, stars, and galaxy in *Space Visual Encyclopedia*. See everything there is to know about space. Find out what Pluto is really classified as, time how long it takes Neptune to travel around the sun, and jump into Jupiter's big red spot. Kids can see Saturn's rings, astronaut spacesuits, and more in highly visual spreads that use cutting-edge CGI photography. See the different planets, moons, and technologies of space, and find key information at glance with data boxes, facts, and figures laid out in DK's signature style. Joining DK's award-winning *Visual Encyclopedia* format, *Space Visual Encyclopedia* is the ultimate one-stop reference book for everything space.

Children's Encyclopedia of Space

Set off on an extraordinary tour of the world of birds - from powerful eagles and flocking flamingos, to beautiful hummingbirds and clever corvids. This comprehensive visual encyclopedia brings together

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cutting-edge knowledge and awe-inspiring ideas with clarity and accuracy. Learn about an osprey's natural swimming goggles, how gentoo penguins can recognize the calls of their own chicks and how birds evolved from feathered dinosaurs. Children's Encyclopedia of Birds includes stunning photography of many bird species, pointing out their vibrant plumage and distinctive characteristics. Alongside these pictures are amazing facts about their anatomy and behavior. Perfect for children working on a school project, or simply those bonkers about birds, this encyclopedia is a brilliant guide for kids aged 8+.

The Fabric of the Cosmos

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.

Luna

Containing more than 600 entries, this valuable resource presents all aspects of travel writing. There are entries on places and routes (Afghanistan, Black Sea, Egypt, Gobi Desert, Hawaii, Himalayas, Italy, Northwest Passage, Samarkand, Silk Route, Timbuktu), writers (Isabella Bird, Ibn Battuta, Bruce Chatwin, Gustave Flaubert, Mary Kingsley, Walter Raleigh, Wilfrid Thesiger), methods of transport and types of journey (balloon, camel, grand tour, hunting and big game expeditions, pilgrimage, space travel and exploration), genres (buccaneer narratives, guidebooks, New World chronicles, postcards), companies and societies (East India Company, Royal Geographical Society, Society of Dilettanti), and issues and themes (censorship, exile, orientalism, and tourism). For a full list of entries and contributors, a generous selection of sample entries, and more, visit the Literature of Travel and Exploration: An Encyclopedia website.

Space Visual Encyclopedia

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.

The Illustrated Encyclopedia of Space & Space Exploration

Presents a comprehensive reference to astronomy and space exploration,

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with articles on space technology, astronauts, stars, planets, key theories and laws and more.

Space Encyclopedia

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

The Kingfisher Space Encyclopedia

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.

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