
Guide To The Solar System A Precision Engineered Orrery Volume 1

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An Introduction to the Solar System Speedy Publishing LLC
Presents general information about the planets and other bodies in the solar system with suggestions for observation.

Far-Out Guide to Earth National Geographic Books
A basic field guide for beginning observers of the solar system, introducing information on the locations and characteristics of the planets, sun, comets, meteors, and other objects in our solar system.

A Guide to the Solar System Chicago Review Press
Discover places where a day is longer than a year, where hailstones are made of diamonds, and where a mountain looms

twice the size of Everest. These and more are all to be found in The Planets. The Sun's gravity holds in thrall eight planets, each with an entourage of moons, as well as dwarf planets, asteroids, and comets. The Planets takes you on a dazzling visual tour. From the Solar System's fiery heart, travel to rocky worlds such as tiny Mercury scorched by the Sun. Then witness Venus swathed in a sulfurous haze, and go to the outer reaches to visit planets such as gas giant Jupiter, which is 120 times the size of Earth. Using 3-D models and photography from NASA and the European Space Agency, The Planets describes each one, as well as the extraordinary endeavors of space exploration. Edited by space scientist Maggie Aderin-Pocock, this book is enthralling reading for everyone interested in astronomy and space exploration.

A Junior Explorer's Guide to Planets, Dwarf Planets, and Everything Circling Our Sun Hodder & Stoughton

Fuel emergent readers' interest in the natural world with carefully leveled guides designed just for them. Clear photos and range maps accompany easily digestible information in a field guide format. Now even your youngest readers can become experts on their favorite topics.

Exploring the Solar System Turtleback Books

Vacation Guide to the Solar System Science for the Savvy Space Traveler! Penguin

Solar System for Kids Cambridge University Press

Take a guided tour of the galaxy--blast off with the Junior Explorer series Space is limitless--just like your imagination! Get ready to take an amazing journey to the stars. Solar System for Kids is filled with fascinating facts, photographs, and illustrations that'll excite your mind and charge your curiosity. Among solar system books for kids 6-8, this one teaches you about the birth of the universe and how scientists believe galaxies, stars, and planets came into being. Explore the sun, planets, dwarf planets, moons, and the asteroid belt in one of the most engaging solar system books for kids. This standout among solar system books for kids offers tips for spotting constellations, planets, comets, and more--from your backyard. From navigating the night sky to learning about objects billions of miles away, this book answers curious kids' big questions about the universe. Strap in, Junior Explorer. 3, 2, 1... blastoff! One of the most outstanding solar system books for kids includes: Universally easy--Explore the whole universe with in-depth and easy-to-follow information. Deep space knowledge--From dark matter and black holes to eclipses

and moon landings, one of the coolest solar system books for kids explores every aspect curious kids want to know. Bonus material--Discover even more fun information by using the extensive glossary, sidebars, and in-book activities. If you've been searching for solar system books for kids, look no further--this one has you covered.

The Solar System in Close-Up Cambridge University Press
Part of an award-winning book series for children, this is the ultimate guide to our magnificent solar system and the astronauts who explore it. An entertaining, educational adventure for young readers. Engage the senses through vivid deep-space photography, cutaways and illustrations, quiz questions, and quirky fun facts. It's the perfect book for any kid who can't get enough of outer space! Supporting STEM-based learning, this fact-filled book for kids is perfect for ages 6-9 and contains key curriculum information. Although, age is but a number, don't let our recommendations put you off enjoying this absolute masterpiece of extraordinary astronomy! This kids educational book is so much more than just another book about space. It allows children to discover the mysteries of asteroids hurtling through space, comets lighting up the sky, and the biggest star in our glorious solar system, the Sun. It also explores the steps we've taken to study outer space, like launching the International Space Station. Not to mention the exquisite photographs of nearby planets, stars, and astronomical bodies and stunning details on each of Earth's neighboring planets, including fascinating facts about their moons, mineral makeup, and more. While it's packed with a lot of information, it is presented in a way that can be read in snippets that are appropriate to any level of

understanding and you can return to it over and over again to enjoy the majestic beast that is outer space in more detail. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects. Find out Amazing Facts About Our Solar System! What is the weather like on Jupiter? Which planet is the hottest? What are Saturn's remarkable rings made of? How long would it take to get to Pluto? Find out the answers to these questions and more in DKfindout! Solar System. This incredible book is packed with surprising facts and amazing pictures that are simply put, out of this world! From comets to craters, this book captures the beauty of our celestial system as best as one can without going into space itself. Explore the world of astronomy and travel our solar system as we know it today: - Explore Mars, Jupiter, Saturn and Pluto -Learn about Space rocks, ice giants, and an asteroid belt -Adventure through space ages, meet alien hunters and go beyond the solar system! Dkfindout! Solar System is one title in the Dkfindout! series of educational books for kids, and Silver award winner in the MadeForMums Awards 2017 children's books series category. Kids around the world are obsessed with this gorgeous collection, so much so that a range of massive DKfindout! posters for bedroom walls are sold separately. Add to your collection and nurture your little one's interest in the world. Other titles include DKfindout! Birds, Castles, Climate Change, Pirates, Coding, Ancient Egypt, Engineering, Reptiles and a whole lot more!

A Traveler's Guide to the Solar System Harper Paperbacks

Earth is the only planet in our solar system that is suitable for life. It has liquid water, oxygen, and enough gravity to hold its own

atmosphere. But did you know that Earth is always changing? Scientists have used spacecraft and satellites to learn more about our planet. They can better predict natural disasters like hurricanes, and monitor volcano eruptions and climate changes. Learn lots of far-out facts about our home planet.

A Guide to Our Solar System Houghton Mifflin Harcourt

In response to the new information gained about the Solar System from recent space probes and space telescopes, the experienced science author Dr. John Wilkinson presents the state-of-the art knowledge on the Sun, solar system planets and small solar system objects like comets and asteroids. He also describes space missions like the New Horizon's space probe that provided never seen before pictures of the Pluto system; the Dawn space probe, having just visited the asteroid Vesta, and the dwarf planet Ceres; and the Rosetta probe in orbit around comet 67P/Churyumov-Gerasimenko that has sent extraordinary and most exciting pictures. Those and a number of other probes are also changing our understanding of the solar system and providing a wealth of new up close photos. This book will cover all these missions and discuss observed surface features of planets and moons like their compositions, geisers, aurorae, lightning phenomena etc. Presenting the fascinating aspects of solar system astronomy this book is a complete guide to the Solar System for amateur astronomers, students, science educators and interested members of the public.

[A User's Guide to the Solar System - BBC Sky At Night's Best Astronomy and Space Books of 2019](#) Putnam Publishing Group

An Exciting and Authoritative Account of the Second Golden Age of Solar System Exploration Award-winning author Peter Bond

provides an up-to-date, in-depth account of the sun and its family in the 2nd edition of *Exploring the Solar System*. This new edition brings together the discoveries and advances in scientific understanding made during the last 60 years of solar and planetary exploration, using research conducted by the world's leading geoscientists, astronomers, and physicists. *Exploring the Solar System, 2nd Edition* is an ideal introduction for non-science undergraduates and anyone interested in learning about our small corner of the Milky Way galaxy.

Enslow Publishers, Inc.

Updated third edition introduces undergraduates to the Solar System's bodies, the processes upon and within them, and their origins and evolution.

Illustrated Guide to the Solar System Capstone

Have you ever dreamed of being an astronaut, traveling through the universe on your very own space mission? What would it be like to tour the solar system, visiting the sun and the planets, taking in everything from moons to asteroid belts along the way? What would you see, and how would you feel? What would you eat? How would you navigate and produce fuel? How would you survive? On this epic voyage of discovery, astronomer Mark Thompson takes you on that journey. From how to prepare for take-off and the experience of leaving Earth's atmosphere, to the reality of living in the confines of a spaceship and the strange sensation of weightlessness, this is an adventure like no other. Suit up, strap in, and enjoy the ride!

The Grand Tour Dorling Kindersley Ltd

Viewing and Imaging the Solar System: A Guide for Amateur Astronomers is for those who want to develop their ability to

observe and image Solar System objects, including the planets and moons, the Sun, and comets and asteroids. They might be beginners, or they may have already owned and used an astronomical telescope for a year or more. Newcomers are almost always wowed by sights such as the rings of Saturn and the moons of Jupiter, but have little idea how to find these objects for themselves (with the obvious exceptions of the Sun and Moon). They also need guidance about what equipment, besides a telescope, they will need. This book is written by an expert on the Solar System, who has had a lot of experience with outreach programs, which teach others how to make the most of relatively simple and low-cost equipment. That does not mean that this book is not for serious amateurs. On the contrary, it is designed to show amateur astronomers, in a relatively light-hearted—and math-free way—how to become serious.

13 Planets Elsevier

"Last year I went on a round-the-world trip. This year I'm going somewhere different." In a century or so, this joke could well be a reality. Space will no longer be the final frontier, but the holiday destination of choice. When technology catches up with the dream, *My Tourist Guide to the Solar System...and Beyond* will be there to show the way. In the meantime, *My Tourist Guide* is the perfect way for the armchair astronaut to learn about the solar system. Forget wading through heavy tomes and encyclopedias: here children can discover the secrets of the planets, moons, and other satellites without feeling like it's hard work. Glorious digital artworks reveal stunning details, while the science is relayed through the quirky guidebook approach of "things to see" and "what to pack". Different, exciting, unique, and fun - *My Tourist*

Guide to the Solar System...and Beyond is bound to be an astronomical success.

The Smart Guide to the Solar System Vacation Guide to the Solar System Science for the Savvy Space Traveler!

Earth has many satellites, but the Moon is Earth's only natural satellite. Spacecraft and astronauts have visited the Moon to learn more about it. From the Apollo missions to the most current robotic spacecraft, this book highlights our adventures in studying our neighbor in space.

The Secret Lives of Planets Sterling Publishing Company Incorporated

So you want to go into space? Then The Traveler's Guide to the Solar System is for you, the independent space tourist. It will take you into the most exotic reaches of the solar system, and also help you to discover everything you ever wanted to know about the more traditional and familiar destinations. Is no gravity fun? What's it like on a spacecraft? Can I breathe on Venus? Will I need to take water? To find out, all you'll need is a class V launch vehicle, a space suit, and your toothbrush. . . . With so many tourist attractions, you won't know where to fly first. Book a week on the Moon and dine in lunar orbit. Have your photo taken with Neil Armstrong's footprint before putting on your heavily shielded space suit and flying off for a walk in the heat on Venus. Discover giant volcanoes, breathtaking mountains, and frozen lava rivers. Explore the remains of Soviet space probes. Play golf in one-sixth gravity. Go ice-skating on Jupiter's moons. The possibilities are endless!

Encyclopedia of the Solar System Junior Explorers

This book captures the complex world of planetary moons, which

are more diverse than Earth's sole satellite might lead you to believe. New missions continue to find more of these planetary satellites, making an up to date guide more necessary than ever. Why do Mercury and Venus have no moons at all? Earth's Moon, of course, is covered in the book with highly detailed maps. Then we move outward to the moons of Mars, then on to many of the more notable asteroid moons, and finally to a list of less-notable ones. All the major moons of the gas giant planets are covered in great detail, while the lesser-known satellites of these worlds are also touched on. Readers will learn of the remarkable trans-Neptunian Objects - Pluto, Eris, Sedna, Quaoar -including many of those that have been given scant attention in the literature. More than just objects to read about, the planets' satellites provide us with important information about the history of the solar system. Projects to help us learn more about the moons are included throughout the book. Most amateur astronomers can name some of the more prominent moons in the solar system, but few are intimately familiar with the full variety that exists in our backyard: 146 and counting. As our understanding of the many bodies in our solar system broadens, this is an invaluable tour of our expanding knowledge of the moons both near and far. Viewing and Imaging the Solar System Harper Paperbacks Presents a series of paintings, photographs, drawings, and text that take a guided trip through the solar system, featuring the latest in scientific thought and data.

The Solar System Celebrates! Crown Books For Young Readers

All the planets in the solar system decide to throw Sun a birthday party. Includes facts about the planets.

Star of the Party Enslow Publishers, Inc.

Written by a well-known and experienced amateur astronomer, this is a practical primer for all aspiring observers of the planets and other Solar System objects. Whether you are a beginner or more advanced astronomer, you will find all you need in this book to help develop your knowledge and skills and move on to the next level of observing. This up-to-date, self-contained guide provides a detailed and wide-ranging background to Solar System astronomy, along with extensive practical advice and resources.

Topics covered include: traditional visual observing techniques using telescopes and ancillary equipment; how to go about imaging astronomical bodies; how to conduct measurements and research of scientifically useful quality; the latest observing and imaging techniques. Whether your interests lie in observing aurorae, meteors, the Sun, the Moon, asteroids, comets, or any of the major planets, you will find all you need here to help you get started.