

### Astronomy Our Solar System And Beyond Paperback

*Yes, science can be made fun and easy! This book features the solar system in all its glory. You can see pictures of the planets and the galaxy in full color. The layout is definitely going to amaze and delight a child. As a result, learning becomes highly entertaining. Grab a copy today!*

*Covers information on the four inner planets, the five outer planets, comets, asteroids, and other flying things.*

*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.*

*Long before Galileo published his discoveries about Jupiter, lunar craters, and the Milky Way in the Starry Messenger in 1610, people were fascinated with the planets and stars around them. That interest continues today, and scientists are making new discoveries at an astounding rate. Ancient lake beds on Mars, robotic spacecraft missions, and new definitions of planets now dominate the news. How can you take it all in? Start with the new Encyclopedia of the Solar System, Second Edition. This self-contained reference follows the trail blazed by the bestselling first edition. It provides a framework for understanding the origin and evolution of the solar system, historical discoveries, and details about planetary bodies and how they interact—and has jumped light years ahead in terms of new information and visual impact. Offering more than 50% new material, the Encyclopedia includes the latest explorations and observations, hundreds of new color digital images and illustrations, and more than 1,000 pages. It stands alone as the definitive work in this field, and will serve as a modern messenger of scientific discovery and provide a look into the future of our solar system. · Forty-seven chapters from 75+ eminent authors review fundamental topics as well as new models, theories, and discussions · Each entry is detailed and scientifically rigorous, yet accessible to undergraduate students and amateur astronomers · More than 700 full-color digital images and diagrams from current space missions and observatories amplify the chapters · Thematic chapters provide up-to-date coverage, including a discussion on the new International Astronomical Union (IAU) vote on the definition of a planet · Information is easily accessible with numerous cross-references and a full glossary and index*

*A Tour of Our Solar System and Beyond*

*The Nine Planets of the Solar System | Guide to Astronomy Grade 4 | Children's Astronomy & Space Books*

*The Hunt for Planet X*

*The Origin and Evolution of Our Solar System*

*Exploring the Solar System*

*Introduces the sun, the planets, moons, and the asteroid belt*

*Available with WebAssign! Author Theo Koupelis has set the mark for a student-friendly, accessible introductory astronomy text with In Quest of the Universe. He has now developed a new text to accommodate those course that focus mainly on planets and the solar system. Ideal for the one-term course, In Quest of the Solar System opens with material essential to the introductory course (gravity, light, telescopes, the sun) and then moves on to focus on key material related to our solar system. Incorporating the rich pedagogy and vibrant art program that have made his earlier books a success, Koupelis' In Quest of the Solar System is the clear choice for students making their way through their first astronomy course.*

*Readers find out how our solar system came into existence, and study the history and future of space exploration.*

*Come fly with us to Jupiter and learn about the biggest planet in the solar system. Learning through this amazing book will help your child better understand how Jupiter is like and what, if there is, life could survive there. This book is a great add-on to your child's knowledge on astronomy. Secure a copy now!*

*The Wonder of Our Solar System*

*2nd Grade Books*

*How to Read the Solar System: A Guide to the Stars and Planets*

*Going Around the Sun*

*Encyclopedia of Astronomy*

*Jupiter: Planets in Our Solar System | Children's Astronomy Edition*

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

*This book serves as a fascinating progress report on the outer solar system, offering a way to better appreciate the newest findings. It unlocks some of the mysteries surrounding Uranus, Neptune, and Pluto — from the drama of their discoveries to the startling results of Voyager 2's historic 1989 encounter with Neptune.*

*A fresh and essential guide to understanding and interpreting the wonders of our solar system, from two intrepid young astronomers who are the hosts of the popular BBC television series The Sky at Night. What exactly is the solar system? We've all learned the basics at school but do we really understand what we are seeing in the night sky? Expert astronomers Chris North and Paul Abel provide a fascinating guided tour of our solar system and explain its many wonders. They look at all the major players, including our more familiar cosmic neighbors—the Sun, the planets and their moons—as well as the occasional visitors to our planet—asteroids, meteors and comets—in addition to distant stars and what might lie beyond our solar system, including the mysterious Earth Mark II. North and Abel recount the history of how our solar system came to be, and the myths that once shaped astronomy. Through their cogent explanations of the latest scientific discoveries, they reveal how any amateur astronomer can view and interpret the solar system and enrich their understanding of our universe.*

*What's in the Red Planet and why is it the subject of so many explorations? Open this book and your child will find out on his/her own. Learning through pictures is a much more effective way of absorbing information because they taps into your child's interest. Pictures fuel your child's imagination and creativity. Secure a copy for your child today!*

*Planets and Satellites of the Solar System*

*Encyclopedia of the Solar System*

*Introductory Notes on Planetary Science*

*Planets Beyond*

*Telescopic Projects, Activities, and Explorations in Astronomy*

*An Introduction to the Solar System*

*The fun and easy way to explore the night sky Do you know the difference between a red giant and a white dwarf? From asteroids to black holes, this easy-to-understand guide takes you on a grand tour of the universe. Featuring updated star maps, charts, and an insert with gorgeous full-color photographs, Astronomy For Dummies provides an easy-to-follow introduction to the night sky. Plus, this new edition also gives you the latest theories, explanations, and insights into the basic workings of the universe. Includes updated schedules of coming eclipses of the Sun and Moon and a revised planetary appendix Covers recent discoveries in space, such as water on the Moon and Pluto's demotion from "planet" status Collects new websites, lists of telescope motels, sky-watching guides, and suggestions for beginner's telescopes and suppliers Brings you up-to-speed on the latest social trends and personal technology, such as stargazing mobile apps, NASA video, and the prevalence of "Citizen Science" networks Whether you're an amateur astronomer, space enthusiast, or enrolled in a first year astronomy course, Astronomy For Dummies has you covered.*

*Astronomy for kids! If you are looking for home school supplies, this book needs to be on your list. Through bright illustrations, young readers learn about our solar system to the tune of an old familiar song, "Over in the Meadow". In Going Around the Sun: Some Planetary Fun, readers also learn of our place in a very big universe and an appreciation for the world we live in. Mother sun and her "family" of planets "spin," "roll," "tilt," "blow" and "whirl" around the Sun to the tune of "Over in the Meadow." Each of those actions is astronomically correct—for example, Earth is the one that "tilts," and that's what our creates the seasons. It is also astronomically up-to-date, with Pluto being a "dwarf planet." Bright illustrations create an exciting mood, and there's plenty of interesting supplementary information in the back along with tips on related ways to integrate science, art, and literature in the classroom. Backmatter Includes: Further information about the planets! Tips from the author and illustrator.*

*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.*

*This engaging entry to the "New York Times"-bestselling series chronicles the beginning of the modern age of astronomy, then follows later discoveries, including NASA's current missions in space. Includes a fold-out map. Illustrations.*

*Where Is Our Solar System?*

*Mars: Planets in Our Solar System | Children's Astronomy Edition*

*Astronomy, Grades 6 - 12*

*The Nine Planets of the Solar System - Guide to Astronomy Grade 4 - Children's Astronomy & Space Books*

*Incorporating the Latest Discoveries in Our Solar System as well as Suspected Exomoons*

*Discover Our Solar System*

*A practical answer guide to humankind's age-old questions on planets, our universe and everything beyond and between.*

*Planets come in many different sizes, and with many different compositions, orbiting our Sun and countless other stars. Understanding their properties and interactions requires an understanding of a diverse set of sub-fields, including orbital and atmospheric dynamics, geology, geophysics, and chemistry. This textbook provides a physics-based tour of introductory planetary science concepts for undergraduate students majoring in astronomy, planetary science, or related fields. It shows how principles and equations learned in introductory physics classes can be applied to study many aspects of planets, including dynamics, surfaces, interiors, and atmospheres. It also includes chapters on the discovery and characterization of extrasolar planets, and the physics of planet formation.*

*The solar system is the topic that forms the foundation of space science. If your child is a master at this subject, then there is an increased possibility that he/she will master sciences too. In this edition, the focus will be mercury and how it is similar or different to Earth. Let your child have a copy of this book today!*

*After Mercury comes Venus, and it's a beautiful planet to observe. Your child will love this educational resource because it presents facts in a fun and highly interactive manner. This means that as your child learns about the planet, he/she will not thinking it's studying at all. With constant exposure, it will be easy for your child to equate play to study. Grab a copy today!*

*What is The Solar System? Astronomy Book for Kids | Children's Astronomy Books*

*Seeing the Solar System*

*My First Book of Planets: All about the Solar System for Kids*

*Our Solar System (Sun, Moons & Planets) : Second Grade Science Series*

*From Center of the Sun to Edge of the Universe*

*Astronomy for the Man in the Street, on Our Solar and Planetary System*

*Ever since the serendipitous discovery of planet Uranus in 1871, astronomers have been hunting for new worlds in the outer regions of our solar system. This exciting and ongoing quest culminated recently in the discovery of hundreds of ice dwarfs in the Kuiper belt, robbed Pluto from its 'planet' status, and led to a better understanding of the origin of the solar system. This timely book reads like a scientific 'who done it', going from the heights of discovery to the depths of disappointment in the hunt for 'Planet X'. Based on many personal interviews with astronomers, the well-known science writer Govert Schilling introduces the heroes in the race to be the first in finding another world, bigger than Pluto.*

*Astronomy, Grades 6 - 12Our Solar System and BeyondMark Twain Media*

*Discover how to find constellations like the Royal Family group or those near Orion the Hunter from season to season throughout the year How to use the Sea of Crises as your guidepost for further explorations on the moon's surface Investigate deep sky wonders, extra solar planets, and beyond as God's creation comes alive! Think you know all there is to know about our solar system? You might be surprised at some of the amazing details that you find when you begin Exploring the World of Astronomy! From the rugged surface of the moon to the distant and mysterious constellations, this book provides an exciting educational tour for students of different ages and skill levels. Learn about a blue moon, the 400-year storm on Jupiter, and what is meant by "the zone of life." Discussion ideas, questions, and research opportunities help expand this great resource on observational astronomy into an unforgettable educational course for middle school to high school students!*

*What's in the Red Planet and why is it the subject of so many explorations? Open this book and your child will find out on his/her own. Learning through pictures is a much more effective way of absorbing information because they taps into your child's interest. Pictures fuel your child's imagination and creativity. Secure a copy for your child today!*

*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.*

*Our Solar System and Beyond*

*All About Our Solar System*

*The Solar System*

*The Definitive Visual Guide to Our Solar System*

*Earth: Planets in Our Solar System | Children's Astronomy Edition*

*Astronomy*

*Suit up for an expedition into the mysteries of our amazing solar system and beyond – a fun space book for kids 3 to 12 With this book, kids will explore the entire solar system through incredible fascinating facts on what makes each planet so special-like their size, distance from the sun, what the surface is like, how many moons they have – Learn all about the Solar System - Astronomy for kids – learn the best ways to see outer space - Big, beautiful images – Vibrant photos will take kids deep into space and onto each planet. - Answers curious kids big questions about the universe. - learn all about the eight planets in our solar system .*

*Retired astronomer Thomas Wm. Hamilton has written six books on astronomy. But science always changes. His most recent book, Moons of the Solar System, has just been revised to incorporate the newest research and information on these amazing bodies in the sky. The new title is Moons of the Solar System, Revised Second Edition: Incorporating the Latest Discoveries in Our Solar System as well as Suspected Exomoons. Having once worked on the Apollo Project, the author has long been fascinated in studying moons. From Galileo 's discoveries in 1610, to the latest returns from the Cassini spacecraft in orbit around Saturn, four centuries of discoveries in the solar system are summarized, complete with the names of those responsible for finding them. The 185 known moons of the planets and dwarf planets in the solar system are described in great detail, from how they were discovered, and by whom, to information about their sizes and orbits. The strange and exotic origins of the moons ' names make for astonishing stories. Moons of the Solar System also includes the possible dangers faced by human travel in space.*

*Astronomy For Beginners is a friendly and accessible guide to our universe, our galaxy, our solar system and the planet we call home. Each year as we cruise through space on this tiny blue-green wonder, a number of amazing and remarkable events occur. For example, like clockwork, we ' ll run head-on into asteroid and cometary debris that spreads shooting stars across our skies. On occasion, we ' ll get to watch the disk of the Moon passing the Sun, casting its shadow on the face of the Earth, and sometimes we ' ll get to watch our own shadow as it glides across the face of the Moon. The Sun ' s path will constantly change across the daytime sky, as will the stars and constellations at night. During this time, we ' ll also get to watch the other majestic planets in our solar system wander the skies, as they too circle the Sun in this elaborate celestial dance. Astronomy For Beginners will explain this elaborate celestial dance – the patterns of the heavens, the equinoxes and the solstices, the major meteor showers, and the solar and lunar eclipses. In addition, Astronomy For Beginners will also take you on a guided tour of the solar system and beyond. We ' ll discover how the way we measure time itself is intimately related to celestial phenomena, and we ' ll furthermore explore our historical and continuing mission to understand our place in this marvelous universe in which we find ourselves. Oh yesh, one more thing: Astronomy For Beginners will not only help you become an expert in space and time – but it also promises to be a pretty fun ride! The birth and evolution of our solar system is a tantalizing mystery that may one day provide answers to the question of human origins. From Dust to Life tells the remarkable story of how the celestial objects that make up the solar system arose from common beginnings billions of years ago, and how scientists and philosophers have sought to unravel this mystery down through the centuries, piecing together the clues that enabled them to deduce the solar system's layout, its age, and the most likely way it formed. Drawing on the history of astronomy and the latest findings in astrophysics and the planetary sciences, John Chambers and Jacqueline Mitton offer the most up-to-date and authoritative treatment of the subject available. They examine how the evolving universe set the stage for the appearance of our Sun, and how the nebulous cloud of gas and dust that accompanied the young Sun eventually became the planets, comets, moons, and asteroids that exist today. They explore how each of the planets acquired its unique characteristics, why some are rocky and others gaseous, and why one planet in particular—our Earth—provided an almost perfect haven for the emergence of life. From Dust to Life is a must-read for anyone who desires to know more about how the solar system came to be. This enticing book takes readers to the very frontiers of modern research, engaging with the latest controversies and debates. It reveals how ongoing discoveries of far-distant extrasolar planets and planetary systems are transforming our understanding of our own solar system's astonishing history and its possible fate.*

*Space Encyclopedia*

*A Comprehensive Survey of Our Solar System, Galaxy and Beyond*

*The Planets*

*Venus: Planets in Our Solar System | Children's Astronomy Edition*

*Some Planetary Fun*

*A Question and Answer Guide to Astronomy*

*The Earth is our home plane. It is the only planet in the solar system with documented life. One way of raising awareness about its importance would be through education. Self-paced education with the help of this educational book is recommended because more knowledge is absorbed without pressuring a child to learn. Keep a copy of this book starting today!*

*Fuel your child's imagination and desire to learn more through this astronomy book for kids! Inside its pages are carefully crafted texts with a child-friendly tone. The purpose is to help a child associate learning with fun. Encourage your child to self-learn about the Solar System. Grab a copy today!*

*In this third corrected and revised edition students and lecturers in astronomy and planetary science as well as planet observers will find a mine of up-to-date information on the solar system and its interaction with the interplanetary medium, its various objects, comparative planetology, discussion of questions for further research and future space exploration.*

*There are nine known planets in our solar system. They are the inner planets, otherwise called as the terrestrial planets, and the outer or Jovian planets. Recently, scientists have re-categorized Pluto as a dwarf planet. In this book, you will read about the characteristics of these nine planets and how they revolve around the Sun. Buy a copy and start reading today.*

*Astronomy Mysteries For Kids*

*Our Solar System*

*In Quest of the Solar System*

*Exploring the World of Astronomy*

*Astronomy For Beginners*

*Orbiting the Sun*

**Reinforce good scientific techniques! The teacher information pages provide a quick overview of the lesson while student information pages include Knowledge Builders and Inquiry Investigations that can be completed individually or as a group. Tips for lesson preparation (materials lists, strategies, and alternative methods of instruction), a glossary, an inquiry investigation rubric, and a bibliography are included. Perfect for differentiated instruction. Supports NSE and NCTM standards.**

**"This fascinating book is part of the Earth and Space Sciences Readers for students in Upper Primary School.Can you name all nine planets? Which planet is closest to Earth? Which planet is closest to the sun? Lets learn all about our solar systemContents:Our Place in the UniverseThe SunThe PlanetsDwarf Planets GaloreAsteroids, Meteoroids, and CometsConstellationsAppendices**
**Seeing the Solar System Fun, easy astronomy projects that let you unlock the secrets of our solar system. Whether you're a veteran sky watcher or an amateur astronomer, Seeing the Solar System will take you on a fascinating journey to objects in our solar system beyond the naked eye. This entertaining hands-on guide gives you dozens of stimulating astronomy projects and experiments that you can perform at home or in the field. The only requirement is a basic telescope—and a keen interest in this increasingly popular subject. Written by well-known astronomer and author Fred Schaaf, Seeing the Solar System is a companion volume to Seeing the Sky and the second in a trilogy of astronomy projects books. This invaluable addition to any amateur astronomer's library is also ideal for astronomy clubs, nature groups, and family fun. \* Covers the nine planets and their moons, plus asteroids, comets and meteors, the Sun, and more \* From general observations of the moon to observing the comas and gas tails of comets, experiments range in difficulty from basic to advanced \* Written in crisp, clear, nontechnical language that even novice astronomers can understand**
**In a dazzling combination of text and illustrations, "Orbiting the Sun" offers vistas that rival science fiction. Every step of the way, Fred Whipple provides the basic foundation in astronomy that enables the reader to be not merely awed and entranced but thoroughly informed, with a solid and satisfying understanding of the workings of our solar system.**

**The Solar System, Exoplanets and Planet Formation**

**Discovering the Outer Solar System**

**Astronomy For Dummies**

**Moons of the Solar System, Revised Second Edition**

**From Dust to Life**

**Mercury: Planets in Our Solar System | Children's Astronomy Edition**