

Stargazing Telescope Guide

Did you know that stars are seasonal? That Orion is one of the brightest constellations? That a single day on Venus is longer than an entire year on Venus? Space has captivated mankind since the beginning of time. Fifty years ago, Neil Armstrong became the first man to step on the moon and since then our knowledge of astronomy has continued to expand. With so many mysteries yet to be solved, science journalist Abigail Beall takes readers on an astonishing journey though the landscape of space. In The Art of Urban Astronomy, you will be guided through the seasons and learn about the brightest stars and constellations, the myths and legends of astronomy and how to identify star clusters and galaxies with just your eyes or a pair of binoculars. For urban dwellers wrapped up in the rush and bustle of the city, it can be calming and truly valuable to take the time simply to stop, look and reconnect with nature. Packed full of seasonal star charts, constellation charts and fascinating facts, this is the perfect guide for those who have looked up at the night sky and don't know where to begin. After reading this book, you'll never look up in the same way again.

A simple guide to the location and recognition of stars and constellations, mainly in the northern latitudes

A guide to viewing stars, the moon, planets, meteors, comets, and aurora through binoculars. Features a foreword by renowned astronomer and writer David Levy. Includes a complete guide to current binocular brands and models and explains what to look for in each season.

This book and a telescope are all you need to find, view, and record your observations of the most popular stargazing targets. But what makes this list so famous? Over 200 years ago, the French comet hunter Charles Messier published a list of fuzzy, comet-like objects he saw through his telescope. To him, they were a nuisance. We now know them as star clusters, nebulae, and galaxies! Modern astronomers later expanded his list from 103 to 110 objects - and they're some of the finest celestial sights to explore with your backyard telescope, especially after you're ready to move beyond the Moon and planets. This book is your guide to seeing each deep sky object in Messier's list - plus a complete how-to for budding astronomers. Finding the 110 Messier (pronounced Messy-ay) objects has never been easier! We provide a star map for each target - plus written directions for how to find it by star-hopping, an "eyepiece view" image to confirm you're seeing it, observing tips from two veteran stargazers, and interesting facts. We also highlight additional nearby objects. These objects are presented in their recommended viewing order - either by season, or during an all-night marathon! Each page contains an observation log so you can track your progress, and later apply for a Messier Observing Certificate from the Astronomical League and the Royal Astronomical Society of Canada. Certificate Application instructions are provided in the appendix of the book.

A Guide for Aging Backyard Astronomers

Stargazing for Beginners

101 Cosmic Wonders Including Planets, Moons, Comets, Galaxies, Nebulae, Star Clusters and More

From Planets and Satellites to Meteors and Constellations, Your Guide to Stargazing

Astronomy Journal for Kids

The Stars

Stargazing with a Telescope

Amateur astronomers of all skill levels are always contemplating their next telescope, and this book points the way to the most suitable instruments. Similarly, those who are buying their first telescopes – and these days not necessarily a low-cost one – will be able to compare and contrast different types and manufacturers. This exciting and revised new guide provides an extensive overview of binoculars and telescopes. It includes detailed up-to-date information on sources, selection and use of virtually every major type, brand, and model on today's market, a truly invaluable treasure-trove of information and helpful advice for all amateur astronomers. Originally written in 2006, much of the first edition is inevitably now out of date, as equipment advances and manufacturers come and go. This second edition not only updates all the existing sections of “A Buyer’s and User’s Guide to Astronomical Telescopes and Binoculars” but adds two new ones: Astro-imaging and Professional-Amateur collaboration. Thanks to the rapid and amazing developments that have been made in digital cameras – not those specialist cool-chip astronomical cameras, not even DSLRs, but regular general-purpose vacation cameras – it is easily possible to image all sorts of astronomical objects and fields. Technical developments, including the Internet, have also made it possible for amateur astronomers to make a real contribution to science by working with professionals. Selecting the right device for a variety of purposes can be an overwhelming task in a market crowded with observing options, but this comprehensive guide clarifies the process. Anyone planning to purchase binoculars or telescopes for astronomy – whether as a first instrument or as an upgrade to the next level – will find this book a treasure-trove of information and advice. It also supplies the reader with many useful hints and tips on using astronomical telescopes or binoculars to get the best possible results from your purchase.

Featuring stunning images, updated observations and astrophysical descriptions, this is ideal for observers in search of a new challenge.

The Casual Sky Observer's Pocket Guide offers an observing program for occasional amateur observers looking for some quick, fun astronomy adventures under the stars. In the real world, where time for observing is limited, the weather is seldom perfect, and expensive equipment is not an option, amateur astronomy may not be seen as a worthwhile activity. However, portable and quick-to-set-up instruments are available. A pair of binoculars or a small telescope fills the bill. And the way to make the most of these instruments is described in the Casual Sky Observer's Pocket Guide. Not only does the book feature the best and brightest showpieces of the heavens; it also provides a great deal of physical and environmental data as well as lots of fascinating information and beautiful illustrations that provide a unique perspective on the many treasures within and beyond our home galaxy, the Milky Way--stars, star clusters, other galaxies, and nebulae, all within reach of binoculars or a small telescope.

Looking Up is a celebration of telescopes - their shapes, scape and the science they enable. Open your eyes to the wonder of the skies. All over the world, people have built fantastic structures for looking up into the sky. These telescopes are not just scientific instruments -- they are monuments to curiosity and collaboration. In this book readers are introduced to the amazing spectrum of light, and the diverse shapes and methods used to study it. Clear, inventive language meets with playful yet graphic imagery in this stunning non-fiction title.

The Ultimate Backyard Astronomer's Guide for Beginners

Getting Started in Recreational Astronomy

100 Things to See in the Night Sky, Expanded Edition

A User-friendly Guide for Locating Planets Stars, and Deep Space Objects

The Stargazer's Guide to the Night Sky

Kids Night Sky Observation Guide For Telescope - Logbook Planner Diary Star Gazing Gift - Workbook for Children

Astronomy Journal

Explore the star-studded cosmos with this fully updated, user-friendly skywatcher's guide, filled with charts, graphics, photographs, and expert tips for viewing -- and understanding -- the wonders of space. Stargazing's too much fun to leave to astronomers. In these inviting pages, "Night Sky Guy" Andrew Fazekas takes an expert but easygoing approach that will delight would-be astronomers of all levels. Essential information, organized logically, brings the solar system, stars, and planets to life in your own backyard. Start with the easiest constellations and then "star-hop" across the night sky to find others nearby. Learn about the dark side of the moon, how to pick Mars out of a planetary lineup, and which kinds of stars twinkle in your favorite constellations. Hands-on tips and techniques for observing with the naked eye, binoculars, or a telescope help make the most out of sightings and astronomical phenomena such as eclipses and meteor showers. Photographs and graphics present key facts in an easy-to-understand format, explaining heavenly phenomena such as black holes, solar flares, and supernovas. Revised to make skywatching even easier for the whole family, this indispensable guide shines light on the night sky--truly one of the greatest shows on Earth!

The ninth edition of Ian Ridpath and Wil Tirion's famous guide to the night sky is updated with planet positions and forthcoming eclipses to the end of the year 2017. It contains twelve chapters describing the main sights visible in each month of the year, providing an easy-to-use companion for anyone wanting to identify prominent stars, constellations, star clusters, nebulae and galaxies; to watch out for meteor showers ('shooting stars'); or to follow the movements of the four brightest planets, Venus, Mars, Jupiter and Saturn. Most of the sights described are visible to the naked eye and all are within reach of binoculars or a small telescope. This revised and updated edition includes sections on observing the Moon and the planets, with a comprehensive Moon map. The Monthly Sky Guide offers a clear and simple introduction to the skies of the northern hemisphere for beginners of all ages.

*Have you have ever gazed up at the night sky, been wondered by what you see, and thought about taking a closer look? If this is you, then I can tell you that you are not alone!Amateur Astronomy has taken off in the past two decades, with the bounty of well-priced, competent, high-quality equipment available today. But for the complete beginner with no experience, the one question that will be particularly obvious is, - "What do I need to get great views of the heavens?"The first awakening many people have to Astronomical equipment is when they visit their local store and find cheap telescopes offered in brightly colored boxes claiming 500X magnification and designating impressively detailed color pictures of planets and galaxies.Don't be deceived by this!This is NOT the fulfillment you'll get, and it's clearly NOT what you'll see - particularly with the telescope in this box from this store. This is so tricky and has been accountable for more setbacks to wannabe astronomers than any other particular thing; I'd advise, these are just toys, and you should stay far away from them. And regrettably, even with equipment costing many times more, you still won't see the detail and color described on these types of boxes.Firstly, when you look into even a modest telescope, you won't see color. The minuscule amount of light emanating from heavenly objects is not enough to display as color usually on our retinas. That said, it is probable to see some basic color detail on planets and galaxies that are large and close enough to provide adequate light output. I can say without exception when I have introduced family and friends to their first-ever view of Saturn in all its glory; the reaction is always a wide-eyed gasp and a "wow!" Likewise, Jupiter's four clearly visible Galilean Moons move in real-time if you watch for several minutes.Naturally, the objects you're seeing are moving the whole time you're looking at them. Honestly, to see these heavenly objects this close and personal, as you've never seen them before, gives you a beautifully strange, yet eerie, feeling of being just a tiny speck in a universe far more extensive than you've probably ever thought before. To see things in your eyepiece that are so far away that they may have ceased to exist millions of years ago appears incomprehensible in a naive sense. It's so tough to imagine the light from that dim and distant object that would have taken millions upon millions of years to reach your eye.If you're interested enough that this has sharpened your appetite for more, then take a note of the following step-by-step guide before racing out and purchasing equipment that may not suit your demands. In the book, " The ultimate Astronomer's guide for Beginners," you will learn the Step by step guide to finding the best objects the night has to offer, choosing your telescope, Building a Backyard Observatory and so much more! Some of the subjects covered in the book are below!*Astronomy for Beginners (Getting Started Stargazing)*Things to Consider Before Building a Backyard Observatory Backyard *Telescopes for Beginners: Determining the Best Beginner Telescope*3 Things to check for before buying a Telescope as a Beginner*Should I Use Binoculars or Telescopes for Astronomy?*Exceptional Tips for Budding Astronomers*A Look at Celestron, Orion Telescopes, and Other Brand Telescopes!*All you NEED to know About Jupiter.*Why you need a New Telescope Eyepiece as a beginner*Why a Telescope Mount is a Requirement for Stargazing*How to Stargaze in Style with a great Celestron Telescope*6 Great Tips for Best Star Gazing Techniques and EquipmentClick the link below to ORDER your copy, now!*

Do you know sky gazing is the most beloved science and stargazing perhaps the most fantastic human hobby? I believe in magic, and every time I look at the stars in the sky long enough, the feeling of magic runs through me. The longer you stare, the more they appear, fascinating you more and more second by second. I remember the first time I saw the night sky encrusted with stars in depth. I was 18 years old and woke up at 3 am to drive to an airfield, where we were going to set up a stall for a flea market. We wanted to get there early as it was first come, first serve. Having 3 hours to kill, we decided to lay on the car roof looking at the clear sky. Our surroundings were pitch black, with no buildings, no street lights, just open fields. I had never before seen the sky so encrusted with stars. I was amazed, and the magic seemed to be all around me, one shooting star, two shooting stars. Then the sun started to rise, and they all faded away.A few YEARS later, I got my first telescope, and I went on my first sky-gazing ADVENTURE! No matter how you stargaze and with what devices, you will be struck by the grandeur and beauty of the sky--just as our ancestors were!Trying to start in sky gazing on your own will unavoidably lead to disappointment and wasted money and YOUR interest in the subject!Unfortunately, we've all been there!Now we know that we live in a galaxy, surrounded by trillions of galaxies. Many of our neighbor stars have planets, some of them habitable, that our sun is just one of a million stars in the Milky Way - and that we are made of stardust ourselves.Let me tell you a SECRET...stargazing is beautiful; it creates another world around you. Have you ever seen any constellations while stargazing? The ones I have seen are the Big Dipper, Little Dipper, and Orion's Belt.It is time you take a break from your hectic life, turn off the TV, and walk outside, welcoming the dark.In the book, "Stargazing for Beginners," The Complete Beginner's Guide to Exploring the Night Sky, you will Learn: The Telescope Shopping Guide for Beginners* The Telescope Buying Guide for Beginners* The Telescope Buying Hints from an Experienced Astronomer* The Hints for Purchasing the Ideal Pair of Binoculars* The Best Ideas for Using Regular Binoculars for Stargazing* How to Start Your Journey of Stargazing and Planet gazing With Binoculars* The Top Ten (10) Astronomy Hints for Beginners* The Introduction to Celestron and Meade Telescopes for Beginners* How to Stargaze Through an Online Telescope* The Star Gazing, Astronomy, and Green Laser Pointers* The Bushnell Telescopes Guide for Beginners* The Things to Consider Before Building a Backyard Observatory* The Backyard Observatories: Location Is an Essential Point to Be Admitted!* Why you need a New Telescope Eyepiece as a beginner* Why a Telescope Mount is a Requirement for StargazingCLICK the ORDER link to get a copy now!*

A Guide to Stargazing Wherever You Are

Hundreds of Night Sky Objects to See in a Home Telescope-- and how to Find Them

A Stargazing Program for Beginners

A Constellation Focused Approach

Binocular Stargazing

A young stargazer's guide

See It with a Small Telescope

Quantum physics is the most fundamental -- but also the most baffling -- branch of science. Allowing for dead-and-alive cats, teleportation, antimatter, and parallel universes, as well as underpinning all of our digital technology, it's as important as it is mind-bending. This clear and compact book demystifies the strange and beautiful quantum world, and hence the nature of reality itself. Contents include: Schrodinger's cat, inside the atom, the particle zoo, the Higgs boson, Heisenberg's uncertainty principle, God playing dice, relativity, the Big Bang, dark energy and matter, black holes, the fate of the Universe, the Theory of Everything, quantum gravity, string theory, the multiverse, instant communication, quantum computing and cryptography, superconductivity, quantum biology, quantum consciousness, and much more. Written as a series of mini essays with 200 simple diagrams to help understanding, there can be no easier guide to this notoriously confusing subject. At last it's possible for non-specialists to understand quantum theory and its central role in the birth of the universe and the very existence of life.

Revised and updated. Buying a telescope is crucial for enhancing interest in astronomy. With so many choices, how does the beginner choose? Robin Scagell supplies the expert objective advice to making a smart purchase. Stargazing With a Telescope is a practical guide that demystifies the process of buying a telescope. The features and benefits of the different types of viewing instruments are evaluated in straightforward terms. The color illustrations help to clarify the choices. Equipment covered includes: Binoculars: a range of choices for astronomers at any level Refractors: classic telescopes that are easy to use and maintain Reflectors: sophisticated instruments that allow night sky photography Catadioptrics: compact telescopes that are gaining popularity. The book provides brand names and model numbers and the general advice applies to all brands, not just those covered. Lens size, focal lengths, focal ratios and much more is explained with clear diagrams and non-scientific text. Also covered are suitable accessories such as eyepieces, filters, mounts and supports, and suggestions for photography through the telescope, and choice of camera and film types. Useful tips are provided on setting up and using any telescope as well as a review of objects to look at with different sizes of telescope. There is also valuable advice on how to instantly spot misleading labels on low-end telescopes. These are often bought for young, aspiring astronomers who quickly become discouraged with the telescope's poor performance. Stargazing With a Telescope is a must for newcomers to astronomy whatever their age.

Have you ever finally just gave in to the temptation and read your horoscope in the newspaper on Sunday morning? Sure, we all have. For most of us, it’s a curiosity, an amusement to see what they say our day will be like based on the sign of the zodiac that we were born under. Sometimes we forget that this little diversion is actually part of an ancient science called astrology that has had a powerful effect on many cultures dating back to centuries before Christ. Discover everything you need to know by grabbing a copy of this ebook today.

A handy field guide for the optimum stargazing experience, whether you’re travelling, camping, or in your own backyard! The night sky is full of amazing things to see, from shooting stars and constellations, to planets and satellites, but it can be hard to tell what you’re seeing, or where to look for the best view. 100 Things to See in the Southern Night Sky lets you know what you can expect to see on any given night, whether you’re using a small telescope, or just your naked eye. 100 Things to See in the Southern Night Sky--especially for those south of the equator--includes background information on the makeup, appearance, and history of each celestial object, along with easy-to-follow instructions on the best way to catch a glimpse of these cosmic glories. With this helpful guide you’ll have the world on a string--or more precisely, the sky in your hands.

A Junior Scientist's Guide to Stargazing, Constellations, and Discovering Far-Off Galaxies

110 Things to See With a Telescope

A New Way to See Them

50 Things to see With a Telescope

Quantum Physics in Minutes

A Buyer's and User's Guide to Astronomical Telescopes and Binoculars

Your Illustrated Guide to the Planets, Satellites, Constellations, and More

Provides beginners with information on such topics as how telescopes work, how to use star charts and setting circles, and what to observe.

"With over 100,000 copies sold since first publication, this is one of the most popular astronomy books of all time. It is a unique guidebook to the night sky, providing all the information you need to observe a whole host of celestial objects. With a new spiral binding, this edition is even easier to use outdoors at the telescope and is the ideal beginner's book. Keeping its distinct one-object-per-spread format, this edition is also designed for Dobsonian telescopes, as well as for smaller reflectors and refractors, and covers Southern hemisphere objects in more detail. Large-format eyepiece views, positioned side-by-side, show objects exactly as they are seen through a telescope, and with improved directions, updated tables of astronomical information and an expanded night-by-night Moon section, it has never been easier to explore the night sky on your own"--

Reach for the stars Stargazing is the practice of observing the night sky and its contents - from constellations through to planets and galaxies. Stars and other night sky objects can be seen with the naked eye, or seen in greater numbers and in more detail with binoculars or a telescope. Stargazing For Dummies offers you the chance to explore the night sky, providing a detailed guide to the main constellations and also offering advice on viewing other night sky objects such as planets and nebulae. It's a great introduction to a fun new hobby, and even provides a fun way to get the kids outside while doing something educational! Gives you an introduction to looking at the sky with binoculars or a telescope Offers advice on photographing the night sky Without needing to get your head around mind-bending theories, you can take part in some practical physics If you're looking for easy-to-follow guidance on getting to know the night sky, Stargazing For Dummies has you covered.

50 Things to see With a Telescope*A young stargazer's guide***Formac Publishing Company**
Astronomy Without a Telescope

Stargazing

Cambridge Guide to Stargazing with Your Telescope

Night Sky Observation Guide for Telescope | Record Book for Children | Notebook Planner Diary Star Gazing Gift

Turn Left at Orion

National Geographic Backyard Guide to the Night Sky, 2nd Edition

The Orion Telescope Observer's Guide highlights over sixty interesting objects for budding amateur astronomers to find and observe in a small telescope. We'll help you explore objects such as star clusters, multiple stars, nebulae, and even the Andromeda Galaxy! Helpful maps of each target object are included, as are examples of what the object will look like in a typical finderscope, and depictions of the view you'll see in a telescope eyepiece. The author also includes a realistic description of every object based upon his own notes written over years of observations. Written with the beginner in mind, the Orion Telescope Observer's Guide also includes vital tips and tricks to help you get the most out of the rewarding hobby of amateur astronomy. If you're new to stargazing with a small telescope, this book is your introduction to the stars!

Have fun exploring the stars with close-up views of space objects right from your own backyard! Take the mystery and struggle out of discovering new worlds. With hands-on tips, tricks, and instructions, this book allows you to unleash the full power of your small telescope and view amazing space objects right from your own backyard, including: • Saturn's Rings • Jupiter's Moons • Apollo 11's Landing Site • Orion Nebula • Andromeda Galaxy • Polaris Double Star • Pegasus Globular Cluster • and much, much more! "An observation guide, mentor, and historical tour all in one." —Space.com

Discover the amazing wonders of the night sky with this expanded edition to 100 Things to See in the Night Sky, perfect for every amateur stargazer and armchair astronomer! Keep your feet on the ground and experience the night sky to the fullest by exploring planets, satellites, and constellations with this all-inclusive reference guide to space. 100 Things to See in the Night Sky, Expanded Edition is full of information on the many amazing things you can see with a telescope, or just your naked eye! From shooting stars to constellations and planets to satellites, this book gives you a clear picture of what you can see on any given night. Learn about the celestial bodies that have captured people's imaginations for centuries, with specific facts alongside traditional myths and beautifully illustrated photographs and star charts that will help you know where to look for the best view. With this illuminating guide, you'll enjoy hours of stargazing, whether you're travelling, camping, sitting in your back yard, or simply flipping through the beautiful images in this book.

Custom made interior pages (100), large 6" x 9", soft matt cover with a place to draw, write the date, time, location, telescope used, field condition, notes and more for your astronomy adventures. Observe the stars and planets then write about the constellations, bring your star charts and illustrate what you see, discover the night sky and enjoy the view. This journal makes a great gift option for any family member.

Astronomy for Older Eyes

Stargazing Basics

The Casual Sky Observer's Guide

Stargazing : Exploring the Stars with Binoculars & Telescopes

Stargazing For Dummies

100 Things to See in the Southern Night Sky

Stargazing with Binoculars and Small Telescopes

Patrick Moore's illustrated month-by-month guide to astronomy with the naked eye.

This book is for the aging amateur astronomy population, including newcomers to astronomy in their retirement and hobbyists who loved peering through a telescope as a child. Whether a novice or an experienced observer, the practice of astronomy differs over the years. This guide will extend the enjoyment of astronomy well into the Golden Years by addressing topics such as eye and overall health issues, recommendations on telescope equipment, and astronomy-related social activities especially suited for seniors. Many Baby-Boomers reaching retirement age are seeking new activities, and amateur astronomy is a perfect fit as a leisure time activity. Established backyard astronomers who began their love of astronomy in their youth, meanwhile, may face many physical and mental challenges in continuing their lifelong hobby as they age beyond their 55th birthdays. That perfect telescope purchased when they were thirty years old now suddenly at sixty years old feels like an immovable object in the living room. The 20/20 eyesight has given way to reading glasses or bifocals. Treasured eyepieces feel all wrong. Growing old is a natural process of life, but astronomy is timeless. With a little knowledge and some lifestyle adjustments, older astronomers can still enjoy backyard observing well into their seventies, eighties and even into their nineties.

How do I get started in astronomy? Should I buy binoculars or a telescope? What can I expect to see? This wonderful beginners' guide to astronomy covers all the information you need to get started. This second edition has been fully updated and now includes new illustrations, the latest astronomy equipment and celestial events through to the year 2025. It starts by explaining the basic techniques and equipment you need for exploring the skies before taking you on a tour of the night sky, covering the Moon, Sun, stars, planets and more. Any necessary technical terms are clearly explained. The author gives sound advice on using and purchasing affordable binoculars, telescopes and accessories, and the book is illustrated with photos taken by the author, showing how objects in the sky actually look through modest amateur equipment. It contains a comprehensive glossary and references to further astronomy resources and websites.

Discusses the practical aspects of stargazing, including how to choose appropriate equipment, contending with light pollution, taking successful photographs of galaxies and nebulas, and selecting an observing site.

The Complete Beginner's Guide to Exploring the Night Sky

The World's Most Famous Stargazing List

A Practical Guide to Viewing the Universe

A User-Friendly Guide for Locating and Understanding Constellations

Astronomy: Your Quick Start Guide

Skygazing for Beginners

Beginners Guide to Astronomy

John A. Read covers everything needed to identify constellations, planets, stars, galaxies, nebulae and more. Inquisitive stargazers will find planet hunting and star hopping easy with clearly plotted routes and images of the sky both as seen by the naked eye and detailed views from a telescope. Many fascinating cosmic objects can be easily spotted with the help of this book including beautiful Cassiopeia, regal Leo, the plentiful Kemble's Cascade, the explosive Crab Nebula, the rings of Saturn – even the moon! This easy to read, fully illustrated reference book will enrich every young person's experience of the skies above.

Sets out a simple month-by-month program to reveal all of the night sky's biggest and most beautiful secrets in just one year – and with only a few hours of stargazing each month By investing just an hour a week and \$50 in binoculars, it's possible to learn a few simple techniques and quickly gain a real insight into the night sky's ever-changing patterns – and what they tell us about Earth, the seasons and ourselves. Searching more for a learned appreciation of nature and our exact place within the cosmos than academic scientific knowledge, science and travel writer Jamie Carter takes the reader on a 12 month tour of the night sky's incredible annual rhythms that say so much about Earth. During the journey he learns about the celestial mechanics at work in the skies above that are – to the beginner – almost beyond belief. As well as the vital constellations and clusters, and the weird and wonderful nebulas, he searches out "dark sky destinations" across the globe that help increase knowledge and give a new perspective on familiar night sky sights. On the journey he witnesses a solar eclipse and grapples with star-charts, binoculars, smartphone apps, telescopes, spots satellites and attempts basic astro-photography. By year's end, the reader will be able to glance at the night sky from anywhere on the planet and tell what direction he or she is facing, what time it is, where all the planets are and even where the Galactic Center Point is.

See What's Out There To experience the greatest show on Earth, all you have to do is look up. With a simple home telescope, an astronomy novice can see the rings of Saturn, comets, asteroids, and nebulae. But even the bravest astronomy buffs know better than to explore outer space without a guide. That's why everything you need to marvel at the stars is here in Astronomy at a Glance. Exciting profiles of 50 astronomy objects in the night skyClear directions to locate each astronomy object with a home telescopeAstronomy origin stories, scientific examples, and pop culture referencesExpert astronomy advice on using and cleaning your telescopeComplete schedule of solar and lunar eclipses Astronomy at a Glance is the best way to discover our distant neighbors in the cosmos.

Explore the mysteries of the night sky with the Junior Scientists series for kids ages 6 to 9 Scan the skies for 40 incredible sights with a book that shows budding scientists how to use a telescope for kids. You'll learn how to choose a telescope, set it up, and seek out the wonders of the Northern Hemisphere, from the Big Dipper to the Whirlpool Galaxy. Detailed visual guides--Illustrations of each star, planet, and more make them easier to spot-- and once you can identify the major ones, you can use them to find others with any telescope for kids. Outer space school--Discover what time of year it's easiest to see different objects in the sky, the life cycle of a star, how galaxies are cataloged, and more! Fun facts--Find out where the constellations get their names and why looking at the stars means you're actually looking back in time! See what's happening out in the cosmos with this guide to making the most of a telescope for kids.

Looking Up

Astronomy with a Home Telescope: The Top 50 Celestial Bodies to Discover in the Night Sky

Telescopes for Kids

The Art of Urban Astronomy

Deep-Sky Companions: The Caldwell Objects

NightWatch

A Practical Guide for Recreational Astronomers

A guide to observing the stars, planets, and other celestial phenomena from May to October includes star charts covering the entire North American sky

This is an introductory guide to the night sky, from the Royal Observatory Greenwich. Offering complete advice from the ground up, Stargazing is the perfect manual for beginners to astronomy, introducing the world of telescopes, planets, stars, dark skies and celestial maps. Discover how to tackle light pollution, how to stargaze with just your eyes, and what equipment is best for beginners. This book explains the best ways to plan your stargazing experience and the keys things to look out for on specific dates throughout the year. With seasonal star charts, constellation charts and facts about our Solar System, Stargazing is packed full of useful information and guidance for both the Northern and Southern Hemispheres. Bridging the gap between human curiosity and the need for scientific expertise, Stargazing allows a complete novice to understand our place in the cosmos and enjoy the beautiful and extraordinary wonders of the night sky.

"Unless otherwise noted, Scripture quotations are from the New King James Version of the Bible."--T.p. verso.

Describes the constellations and explains how to locate them in the night sky, provides monthly star charts, and discusses lunar and solar eclipses

The Backyard Astronomer's Guide

Philip's complete guide to stargazing

A Pocket Field Guide

50 Things to See with a Telescope - Kids

Orion

Telescope Observer's Guide

Summer Stargazing

From the author of the bestselling book 50 Things to See with a Small Telescope, this colorful edition explores the constellations with young readers, guiding them to dozens of galaxies, nebulae, and star clusters. Every page features a helpful "telescope view," showing exactly how objects appear through a small telescope or binoculars. While a member of the Mount Diablo Astronomical Society in California, John Read taught thousands of students how to use telescopes and explore the night sky. Now, he's sharing this knowledge with you! Even without a telescope, this introduction to the night sky is essential for every child's collection.

Serves as a useful reference guide to stargazers around the world.

The Step by Step Guide to Finding the Best Objects the Night Has to Offer, Choosing Your Telescope, and Building a Backyard Observatory!

The Monthly Sky Guide