

70 700 edu science telescope

The 70-700 Edu Science Telescope: A Comprehensive Guide

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1. Introduction to the 70-700 Edu Science Telescope

The 70-700 Edu Science telescope represents an excellent entry point into the fascinating world of amateur astronomy. This refracting telescope, with its 70mm aperture and 700mm focal length, offers a compelling balance between portability, affordability, and observational capabilities. This article delves deep into the features, capabilities, and educational potential of the 70-700 Edu Science telescope, providing a comprehensive guide for educators, parents, and aspiring young astronomers. The 70-700 Edu Science telescope is specifically designed for educational purposes, making it an ideal tool for both classroom use and individual exploration.

2. Technical Specifications and Features of the 70-700 Edu Science Telescope

The 70-700 Edu Science telescope boasts a 70mm aperture, meaning its objective lens has a diameter of 70mm. This aperture size allows for decent light-gathering capabilities, enabling observation of a wide range of celestial objects. The 700mm focal length provides a relatively long focal ratio ($f/10$), resulting in sharp images, particularly beneficial for planetary observation. The telescope is typically a refractor design, utilizing lenses instead of mirrors to gather and focus light. This design offers several advantages, including minimal maintenance and a crisp, clear image. Many models come equipped with basic accessories such as a finder scope, which aids in locating celestial targets, and a couple of eyepieces providing different magnifications. The 70-700 Edu Science telescope is

usually lightweight and portable, making it easy to transport for both indoor and outdoor observations. Its ease of use makes it perfect for beginners, while its capabilities offer enough to explore the night sky for many years.

3. Observational Capabilities of the 70-700 Edu Science Telescope

While not capable of revealing the faintest deep-sky objects, the 70-700 Edu Science telescope is exceptionally well-suited for a range of celestial observations. Users can expect clear views of the Moon, revealing craters, mountains, and maria in impressive detail. Planetary observation is another strong suit, with the potential to observe surface features on Mars, Jupiter's cloud bands and the Galilean moons, and Saturn's rings. Bright stars will appear as pinpoints of light, and some double stars can be resolved. While deep-sky objects such as nebulae and galaxies might be challenging, brighter ones like the Orion Nebula (M42) might be visible under dark skies. The 70-700 Edu Science telescope provides a fantastic introduction to the wonders of the solar system and nearby celestial bodies.

4. The 70-700 Edu Science Telescope in Educational Settings

The 70-700 Edu Science telescope is specifically designed for educational purposes, and its portability and ease of use make it perfect for both classroom and field trips. Its relatively low cost allows schools and educational institutions to provide hands-on astronomy experiences to a larger number of students. The telescope can be integrated into a variety of science curricula, from elementary school introductions to the solar system to high school lessons on optics and celestial mechanics. The 70-700 Edu Science telescope fosters a deeper understanding of the cosmos, encouraging students' curiosity and inspiring a lifelong love of science and exploration.

5. Choosing the Right Accessories for your 70-700 Edu Science Telescope

While the basic package of the 70-700 Edu Science telescope is sufficient for initial observations, adding certain accessories can significantly enhance the viewing experience. Different eyepieces with varying focal lengths can provide a wider range of magnifications, allowing users to explore different celestial targets. A Barlow lens can further increase magnification, while a quality moon filter can reduce glare and enhance lunar observations. A sturdy tripod is essential for stable viewing, ensuring clear, shake-free images.

6. Setting up and Using the 70-700 Edu Science Telescope: A Step-by-Step Guide

Setting up the 70-700 Edu Science telescope is generally straightforward. The process typically involves mounting the telescope onto the tripod, aligning the finder scope with the main telescope, and then carefully focusing on a celestial object using the eyepiece. The telescope's manual should provide detailed instructions. Before embarking on any astronomical observations, it is crucial to allow the telescope to acclimate to the ambient temperature to minimize image distortion. This process, known as thermal equilibrium,

usually takes about 30 minutes. Precise focusing is key to achieving optimal viewing quality.

7. Troubleshooting Common Issues with the 70-700 Edu Science Telescope

Like any optical instrument, the 70-700 Edu Science telescope may occasionally encounter some issues. Blurry images often result from improper focusing, while difficulty locating celestial objects may indicate a need for finder scope alignment. Collimation issues, although less common in refractor telescopes, can affect image quality. The manufacturer's instructions should provide solutions to most common problems. Online forums and communities dedicated to amateur astronomy can also offer valuable assistance and troubleshooting tips.

8. Limitations of the 70-700 Edu Science Telescope

The 70-700 Edu Science telescope, while excellent for its price point and intended purpose, has certain limitations. Its relatively small aperture restricts its light-gathering capacity, limiting the observation of faint deep-sky objects. Its portability comes at the cost of a less robust mounting system compared to larger, more expensive telescopes. The magnification is also limited, meaning that the details of certain celestial objects might not be as finely resolved as with larger instruments. However, these limitations are acceptable, considering its affordability and suitability for educational and beginner-level use.

9. Conclusion

The 70-700 Edu Science telescope provides a valuable and accessible entry point into the fascinating world of astronomy. Its ease of use, portability, and relatively low cost make it an ideal choice for educational institutions, families, and individuals seeking to explore the night sky. While it might not match the capabilities of more advanced telescopes, the 70-700 Edu Science telescope offers a satisfying observational experience, capable of revealing the beauty and wonder of celestial objects and fostering a lifelong passion for science and exploration. Its versatility makes it a truly valuable asset for both educational and personal astronomy endeavors.

FAQs

1. What is the best magnification for the 70-700 Edu Science Telescope? The optimal magnification depends on the observing conditions and target. A good starting point is around 70x, but higher magnifications may be achievable with suitable eyepieces, although atmospheric conditions may limit the effectiveness of high magnifications.
1. Can I see planets with the 70-700 Edu Science Telescope? Yes, you can see planets like Jupiter, Saturn, Mars, and Venus. You might even see some of Jupiter's moons or Saturn's rings.

1. How do I align the finder scope on my 70-700 Edu Science Telescope? Refer to the user manual for precise instructions. Generally, you'll align the finder scope by sighting a distant object through the main telescope and then adjusting the finder scope's screws until the object appears centered in both.
1. What type of tripod is recommended for the 70-700 Edu Science Telescope? A sturdy, adjustable-height tripod is essential for stable viewing. Look for tripods specifically designed for telescopes of similar size and weight.
1. Can I take pictures with the 70-700 Edu Science Telescope? While not ideal for astrophotography, you can try using a smartphone adapter to take pictures of the moon and brighter planets, though results may be limited by the telescope's aperture.
1. Where can I find replacement eyepieces for my 70-700 Edu Science Telescope? Check the manufacturer's website or contact a retailer that sells astronomical equipment. Ensure that the eyepieces are compatible with the telescope's focal length.
1. How do I maintain my 70-700 Edu Science Telescope? Keep the lenses clean and avoid touching them directly. Use a blower brush and lens cleaning kit for cleaning. Store the telescope in a dry, dust-free environment when not in use.
1. What is the difference between a refractor and a reflector telescope? A refractor uses lenses to focus light, while a reflector uses mirrors. Refractors generally offer better contrast but can be more expensive for larger apertures.
1. What are some good resources for learning more about astronomy? There are numerous online resources, books, and astronomy clubs that can help you learn more. Start by searching online for "beginner astronomy resources" or "astronomy clubs near me."

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70 700 edu science telescope: 50 Things to See with a Telescope - Kids John Read, 2017-06-20 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.

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70 700 edu science telescope: The History of the Telescope Henry C. King, 2003-01-01 This remarkable history encompasses not only the achievements of the early inventors and astronomers but also the less frequently recounted stories of the instrument makers and of the actual instruments. A model of unsurpassed, comprehensive scholarship, this volume covers many fields, including professional and amateur astronomy. 196 black-and-white illustrations.

70 700 edu science telescope: 50 Things to See with a Small Telescope (Southern Hemisphere Edition) John A Read, 2017-05-28 This special edition has been designed specifically for aspiring astronomers living south of the equator. This book explores the planets, stars, galaxies and nebulae observable from the southern hemisphere. Not only does this book illustrate how to observe, it also shows how each object appears through a small telescope!

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70 700 edu science telescope: Physics of Light and Optics (Black & White) Michael Ware, Justin Peatross, 2015

70 700 edu science telescope: Working Papers National Research Council, Division on Engineering and Physical Sciences, Commission on Physical Sciences, Mathematics, and Applications, Board on Physics and Astronomy, Astronomy and Astrophysics Survey Committee, 1991-02-01 This volume contains working papers on astronomy and astrophysics prepared by 15 non-National Research Council panels in areas ranging from radio astronomy to the status of the profession.

70 700 edu science telescope: Choosing and Using a Refracting Telescope Neil English,

2010-09-28 Choosing and Using a Refracting Telescope has been written for the many amateur astronomers who already own, or are intending to purchase, a refracting telescope – perhaps to complement their existing arsenal of larger reflecting telescopes – or for the specialist who requires a particular refractor for serious astronomical applications or nature studies. Four hundred year ago, during the winter of 1609, a relatively unknown Italian scientist, Galileo Galilei designed a spyglass with two crude lenses and turned it skyward. Since then, refractors have retained their dominance over all types of reflector in studies of the Moon, planets and double stars because of the precision of their optics and lack of a central obstruction in the optical path, which causes diffraction effects in all commercially-made reflectors. Most mature amateur astronomers got started with a 60mm refractor, or something similar. Thirty years ago, there was little choice available to the hobbyist, but in the last decade long focus crown-flint achromats have moved aside for some exquisitely crafted apochromatic designs offered by leading commercial manufacturers. There has been a huge increase in the popularity of these telescopes in the last few years, led by a significant increase in the number of companies (particularly, William Optics, Orion USA, StellarVue, SkyWatcher and AstroTech) who are now heavily marketing refractors in the amateur astronomical magazines. In Choosing and Using a Refracting Telescope, well-known observer and astronomy writer Neil English celebrates the remarkable history and evolution of the refracting telescope and looks in detail at the instruments, their development and their use. A major feature of this book is the way it compares not only different classes of refractor, but also telescopes of each class that are sold by various commercial manufacturers. The author is perhaps uniquely placed to do this, having used and tested literally hundreds of different refracting telescopes over three decades. Because it includes many diverse subjects such as imaging with consumer-level digital cameras, imaging with webcams, and imaging with astronomical CCD cameras – that are not covered together in equal depth in any other single volume – Choosing and Using a Refracting Telescope could become the ‘refractor bible’ for amateur astronomers at all levels, especially those who are interested in imaging astronomical objects of every class.

70 700 edu science telescope: Binocular Stargazing Mike D. Reynolds, 2005-10-25 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.

70 700 edu science telescope: Enhancing the Effectiveness of Team Science National Research Council, Division of Behavioral and Social Sciences and Education, Board on Behavioral, Cognitive, and Sensory Sciences, Committee on the Science of Team Science, 2015-07-15 The past half-century has witnessed a dramatic increase in the scale and complexity of scientific research. The growing scale of science has been accompanied by a shift toward collaborative research, referred to as team science. Scientific research is increasingly conducted by small teams and larger groups rather than individual investigators, but the challenges of collaboration can slow these teams' progress in achieving their scientific goals. How does a team-based approach work, and how can universities and research institutions support teams? Enhancing the Effectiveness of Team Science synthesizes and integrates the available research to provide guidance on assembling the science team; leadership, education and professional development for science teams and groups. It also examines institutional and organizational structures and policies to support science teams and identifies areas where further research is needed to help science teams and groups achieve their scientific and translational goals. This report offers major public policy recommendations for science research agencies and policymakers, as well as recommendations for individual scientists, disciplinary associations, and research universities. Enhancing the Effectiveness of Team Science will be of interest to university research administrators, team science leaders, science faculty, and graduate and postdoctoral students.

70 700 edu science telescope: Exoplanet Science Strategy National Academies of Sciences, Engineering, and Medicine, Division on Engineering and Physical Sciences, Board on Physics and Astronomy, Space Studies Board, Committee on Exoplanet Science Strategy, 2019-01-17 The past

decade has delivered remarkable discoveries in the study of exoplanets. Hand-in-hand with these advances, a theoretical understanding of the myriad of processes that dictate the formation and evolution of planets has matured, spurred on by the avalanche of unexpected discoveries. Appreciation of the factors that make a planet hospitable to life has grown in sophistication, as has understanding of the context for biosignatures, the remotely detectable aspects of a planet's atmosphere or surface that reveal the presence of life. Exoplanet Science Strategy highlights strategic priorities for large, coordinated efforts that will support the scientific goals of the broad exoplanet science community. This report outlines a strategic plan that will answer lingering questions through a combination of large, ambitious community-supported efforts and support for diverse, creative, community-driven investigator research.

70 700 edu science telescope: Tour of the Electromagnetic Spectrum Ginger Butcher, 2010

70 700 edu science telescope: Star Finder! DK, 2017-10-10 A novel approach to stargazing, this stunning space book features step-by-step guides to identifying the key constellations across the northern hemisphere. What do you see when you look up into the sky? Have you ever wondered what the stars mean? Or how they are connected? Or what each constellation is called? If so, then this may be the book for you! Little stargazers will enjoy paging through this awe-inspiring astronomy book and learning all about the constellations, their forms, shapes, and stories. This stunning space book for kids explores different groups of stars specific to the Northern Hemisphere, with step-by-step guides to identifying key constellations, star-spotting, and planet spotting! Sprinkled with stardust on every page, budding stargazers aged 9 and over can explore: - A glow-in-the-dark night-sky viewer included with the book - How to follow pathfinder stars to locate constellations - Crystal clear diagrams and illustrations - Easy-to-read maps - Fact panels that explain constellations and space science - The final spread of each chapter shows all the stars in the sky with constellations unmarked so that readers can practice star-hopping - Profile's of galaxies and nebulae in the night sky Star Finder! is packed with high-quality imagery, maps of constellations, and tips to spot stars and patterns, to keep the kids enthralled, engaged and inspired. Discover striking pictures of the night sky in this amazing astronomy book for children. The innovative step-by-step approach to learning the key features of the night sky and compelling, easy-to-understand graphic style makes for the beginning of a keen interest in astronomy. This compelling guide on constellations for kids also covers planets, spotting nebulas, the milky way, shooting stars and more. A must-have volume for budding astronomers aged 9+, the informative and accessible guides featured throughout provide crystal clear instructions on recognising the constellations one by one, as well as pronunciation aids to some of the complex constellation names, and also featuring practice star maps for each season, so curious kids will find it easier than ever to navigate the night sky!

70 700 edu science telescope: Scientific and Technical Aerospace Reports , 1994

70 700 edu science telescope: See It with a Small Telescope Will Kalif, 2017-12-26 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

70 700 edu science telescope: Binocular Highlights Gary Seronik, 2006 Binocular Highlights is a tour of 96 different celestial sights ? from softly glowing clouds of gas and dust to unusual stars, clumps of stars, and vast star cities (galaxies) ? all visible in binoculars. Each object is plotted on a detailed, easy-to-use star map, and most of these sights can be found even in a light-polluted sky. Also included are four seasonal all-sky charts that help locate each highlight. You don't need fancy or expensive equipment to enjoy the wonders of the night sky. In fact, as even experienced star gazers know, to go beyond the naked-eye sky and delve deep into the universe, all

you need are binoculars ? even the ones hanging unused in your closet. If you don't own any, Binocular Highlights explains what to look for when choosing binoculars for star gazing and provides observing tips for users of these portable and versatile mini-telescopes. Spiral-bound with readable paper spine, full color throughout.

70 700 edu science telescope: Data Catalog Series for Space Science and Applications Flight Missions , 1982

70 700 edu science telescope: NightWatch Terence Dickinson, 1989 Spiral binding. A guide to amateur astronomy with advice on equipment and information on photographing the night sky.

70 700 edu science telescope: Astronomy and Astrophysics in the New Millennium National Research Council, Division on Engineering and Physical Sciences, Space Studies Board, Board on Physics and Astronomy, Astronomy and Astrophysics Survey Committee, 2002-02-07 In preparing the report, Astronomy and Astrophysics in the New Millenium , the AASC made use of a series of panel reports that address various aspects of ground- and space-based astronomy and astrophysics. These reports provide in-depth technical detail. Astronomy and Astrophysics in the New Millenium: An Overview summarizes the science goals and recommended initiatives in a short, richly illustrated, non-technical booklet.

70 700 edu science telescope: Chamaeleon-Orion Robert Burnham, 1978-01-01 Offers comprehensive coverage of the numerous celestial objects outside our solar system

70 700 edu science telescope: Powering Science National Academies of Sciences, Engineering, and Medicine, Division on Engineering and Physical Sciences, Space Studies Board, Committee on Large Strategic NASA Science Missions: Science Value and Role in a Balanced Portfolio, 2018-01-29 NASA's Science Mission Directorate (SMD) currently operates over five dozen missions, with approximately two dozen additional missions in development. These missions span the scientific fields associated with SMD's four divisions—Astrophysics, Earth Science, Heliophysics, and Planetary Sciences. Because a single mission can consist of multiple spacecraft, NASA-SMD is responsible for nearly 100 operational spacecraft. The most high profile of these are the large strategic missions, often referred to as flagships. Large strategic missions are essential to maintaining the global leadership of the United States in space exploration and in science because only the United States has the budget, technology, and trained personnel in multiple scientific fields to conduct missions that attract a range of international partners. This report examines the role of large, strategic missions within a balanced program across NASA-SMD space and Earth sciences programs. It considers the role and scientific productivity of such missions in advancing science, technology and the long-term health of the field, and provides guidance that NASA can use to help set the priority of larger missions within a properly balanced program containing a range of mission classes.

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70 700 edu science telescope: Ultimate Explorer Field Guide: Night Sky Howard Schneider, 2016 Provides a guide for beginning stargazers, including sky maps and constellation charts, identification tips, and space facts and jokes.

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70 700 edu science telescope: A Manual of Advanced Celestial Photography Brad D. Wallis, Robert W. Provin, 1988 The new improvements in telescopic equipment make it possible for amateur telescopes to equal the photographic performance of many professional telescopes. A Manual of Advanced Celestial Photography forms a unique technical handbook for amateur

astrophotographers. It includes detailed discussion of topics never before included in a general survey, such as photographic optics, instrument design, techniques at the telescope, films and developers, advanced darkroom methods, sensitometry and film hypersensitization. Throughout the book emphasis is placed on professional laboratory methods to encourage readers to conduct their own experiments and to make contributions to the science of photography. The authors have considerable experience in both the practice and theory of astronomical photography. In addition, special techniques are discussed by experts in the relevant fields, making this a very comprehensive and up-to-date manual which should be the basic reference work for all amateur astrophotographers.

70 700 edu science telescope: Topics for Group Discussion Prof Shrikant Prasoon, 2017-09
There are no specific rules to prepare for a GD. And no one knows what the topic of GD is going to be. This book includes topics that are likely to be put by the Group Testing Officer before the candidates to gauge their personality and leadership qualities. It will be a good idea to keep yourself abreast with topics from: 1. Current Affairs - Current Affairs is something that you have to be thorough with. Understand the recent crises affecting the world, latest developmental initiatives, and important national & global events. 2. Historical topics- Have a fair knowledge about the history of India and the world. Having historical information will help you cite examples and make references whenever needed. 3. Sports, Arts & Literature - In these topics, try to have a decent idea about what is popular, who are the leaders in each area, the latest that has happened in these areas. 4. Data crunching - Do familiarize yourself with important data. Throwing in some data if required in your GD will definitely create an impression among the assessors. Speak with a measure of confidence on the given topic; and secure the nod of the evaluator.

70 700 edu science telescope: Big Data in Astronomy Linghe Kong, Tian Huang, Yongxin Zhu, Shenghua Yu, 2020-06-13 Big Data in Radio Astronomy: Scientific Data Processing for Advanced Radio Telescopes provides the latest research developments in big data methods and techniques for radio astronomy. Providing examples from such projects as the Square Kilometer Array (SKA), the world's largest radio telescope that generates over an Exabyte of data every day, the book offers solutions for coping with the challenges and opportunities presented by the exponential growth of astronomical data. Presenting state-of-the-art results and research, this book is a timely reference for both practitioners and researchers working in radio astronomy, as well as students looking for a basic understanding of big data in astronomy. - Bridges the gap between radio astronomy and computer science - Includes coverage of the observation lifecycle as well as data collection, processing and analysis - Presents state-of-the-art research and techniques in big data related to radio astronomy - Utilizes real-world examples, such as Square Kilometer Array (SKA) and Five-hundred-meter Aperture Spherical radio Telescope (FAST)

70 700 edu science telescope: Isaac Asimov's Book of Science and Nature Quotations Isaac Asimov, Jason Shulman, 1988 Gathers quotations about agriculture, anthropology, astronomy, the atom, energy, engineering, genetics, medicine, physics, science and society, and research

70 700 edu science telescope: THROUGH THE TELESCOPE James 1866-1931 Baikie, 2016-08-29 This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

70 700 edu science telescope: Supplemental Appropriation Bill United States. Congress. House. Appropriations, 1958

70 700 edu science telescope: English Mechanics and the World of Science , 1889

70 700 edu science telescope: English Mechanic and Mirror of Science , 1889

70 700 edu science telescope: Quantum Physics in Minutes Gemma Lavender, 2017-06-06
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.

70 700 edu science telescope: The NexStar User's Guide II Michael Swanson, 2017-10-31
Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this - one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners - there is a chapter on Astronomy Basics - and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled go to model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable go to telescopes.

70 700 edu science telescope: News from Mars Joshua Nall, 2019-08-13
Mass media in the late nineteenth century was full of news from Mars. In the wake of Giovanni Schiaparelli's 1877 discovery of enigmatic dark, straight lines on the red planet, astronomers and the public at large vigorously debated the possibility that it might be inhabited. As rivalling scientific practitioners looked to marshal allies and sway public opinion—through newspapers, periodicals, popular books, exhibitions, and encyclopaedias—they exposed disagreements over how the discipline of astronomy should be organized and how it should establish acceptable conventions of discourse. News from Mars provides a new account of this extraordinary episode in the history of astronomy, revealing how major transformations in astronomical practice across Britain and America were inextricably tied up with popular scientific culture and a transatlantic news economy that enabled knowledge to travel. As Joshua Nall argues, astronomers were journalists, too, eliding practice with communication in consequential ways. As writers and editors, they played a pivotal role in the emergence of a “new astronomy” dedicated to the study of the physical constitution and life history of celestial objects, blurring harsh distinctions between those who produced esoteric knowledge and those who disseminated it.

70 700 edu science telescope: Electronic Imaging in Astronomy Ian S. McLean, 2008-08-17
The second edition of *Electronic Imaging in Astronomy: Detectors and Instrumentation* describes the remarkable developments that have taken place in astronomical detectors and instrumentation in recent years - from the invention of the charge-coupled device (CCD) in 1970 to the current era of very large telescopes, such as the Keck 10-meter telescopes in Hawaii with their laser guide-star adaptive optics which rival the image quality of the Hubble Space Telescope. Authored by one of the world's foremost experts on the design and development of electronic imaging systems for astronomy, this book has been written on several levels to appeal to a broad readership. Mathematical expositions are designed to encourage a wider audience, especially among the growing community of amateur astronomers with small telescopes with CCD cameras. The book can be used at the college level for an introductory course on modern astronomical detectors and

instruments, and as a supplement for a practical or laboratory class.

70 700 edu science telescope: Official Year Book of the Union South Africa. Office of Census and Statistics, 1920

70 700 edu science telescope: Official Year Book of the Union and of Basutoland, Bechuanaland Protectorate, and Swaziland South Africa. Office of Census and Statistics, 1920
No. 1 contains statistics mainly for the period 1910-1916.

Additional Resources

70 (number) - Wikipedia

70 (seventy) is the natural number following 69 and preceding 71. 70 is the fourth discrete sphenic number, as the first of the form . [1] .

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Biggest Hits of the 70s. Cover: Elton John.

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