

Solar System 8th Edition

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Exploring the Universe Cengage Learning

Key Message: With *Astronomy Today*, Sixth Edition, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy and awaken readers to the universe around them. Thoroughly updated, the revised edition focuses on the process of scientific discovery and scientific method, making "how we know what we know" a more integral part of the book with attention to clearly and concisely presenting scientific terms to the non-science reader. **Key Topics:** Charting The Heavens: The Foundations of Astronomy, The Copernican Revolution: The Birth of Modern Science, Radiation: Information from the Cosmos, Spectroscopy: The Inner Workings of Atoms, Telescopes: The Tools of Astronomy, The Solar System: An Introduction to Comparative Planetology, Earth: Our Home in Space, The Moon and Mercury: Scorched and Battered Worlds, Venus: Earth's Sister Planet, Mars: A Near Miss for Life?, Jupiter: Giant of the Solar System, Saturn: Spectacular Rings and Mysterious Moons, Uranus, Neptune, and Pluto: The Outer Worlds of the Solar System, Solar System Debris: Keys to Our Origin, The Formation of Planetary Systems: The Solar System and Beyond, The Sun: Our Parent Star, Measuring the Stars: Giants, Dwarfs, and the Main Sequence, The Interstellar Medium: Gas and Dust Among the Stars, Star Formation: A Traumatic Birth, Stellar Evolution: The Life and Death of a Star, Stellar Explosions: Novae, Supernovae, and the Formation of the Elements, Neutron Stars and Black Holes: Strange States of Matter, The Milky Way Galaxy: A Spiral in Space, Galaxies: Building Blocks of the Universe, Galaxies and Dark Matter: The Large-Scale Structure of the Cosmos, Cosmology: The Big Bang and the Fate of the Universe, The Early Universe: Toward the Beginning of Time, Life In The Universe: Are We Alone? **Market:** Intended for those interested in learning the basics of Astronomy
Astronomy Cengage Learning

Now enhanced by new end-of-chapter material in the MindTap online homework system, this new Hybrid version of Mike Seeds', Dana Backman's, and Michele Montgomery's best-selling HORIZONS: EXPLORING THE UNIVERSE, Enhanced Thirteenth Edition, engages students by focusing on two central questions: How Do We Know? which emphasizes the role of evidence in the scientific process, providing insights into how science works; and What Are We? which highlights our place as planet dwellers in an evolving universe, guiding students to ask questions about where we came from and how we formed a perspective that the study of astronomy is uniquely positioned to emphasize. **Important Notice:** Media content referenced within the product description or the product text may not be available in the ebook version.

Custom the Solar System Cengage Learning

Fully updated to reflect the latest cutting-edge discoveries, the Eleventh Edition of Mike Seeds' and Dana Backman's best-selling HORIZONS: EXPLORING THE UNIVERSE engages students by focusing on two central questions: How Do We Know?, which emphasizes the role of evidence in the scientific process, providing insights into how science works, and What Are We?, which highlights our place as planet dwellers in an evolving universe, guiding students to ask questions about where we came from and how we formed -- a perspective that the study of astronomy is uniquely positioned to emphasize. And, because every course is as unique as its instructor--and its students--HORIZONS is supported by a range of teaching and learning solutions that allow you to craft the best course for your approach and course needs. Our innovative instructor resources include WebAssign online homework management and exclusive audience response technology. Students can select from several eBook options, student tutorial systems, or virtual laboratory experiments. HORIZONS provides the ideal foundation--our powerful technology tools are the building blocks that help you customize your course to fit your and your students' needs. **Important Notice:** Media content referenced within the product

description or the product text may not be available in the ebook version.

Horizons: Exploring the Universe, Hybrid (Book Only) Cengage Learning

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- With *Astronomy Today*, Eighth Edition, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy, delivering current and thorough science with insightful pedagogy. The text emphasizes critical thinking and visualization, and it focuses on the process of scientific discovery, teaching students "how we know what we know." The Eighth Edition has been thoroughly updated with the latest astronomical discoveries and theories and improved pedagogical features. 0321897617 / 9780321897619 *Astronomy Today Plus MasteringAstronomy with eText* -- Access Card Package Package consists of: 0321901673 / 9780321901675 *Astronomy Today* 0321909860 / 9780321909862 *MasteringAstronomy with Pearson eText* -- ValuePack Access Card -- for *Astronomy Today*
Stars and Galaxies + Mindtap Astronomy, 12-month Access Benjamin-Cummings Publishing Company

For two-semester courses in astronomy. Teaching the Process of Science through Astronomy Building on a long tradition of effective pedagogy and comprehensive coverage, *The Cosmic Perspective: The Solar System*, Eighth Edition provides a thoroughly engaging and up-to-date introduction to astronomy for non-science majors. This text offers a wealth of features that enhance student understanding of the process of science and actively engage students in the learning process for key concepts. The fully updated Eighth Edition includes the latest scientific discoveries, revises several subjects based on our most current understanding of the cosmos, and now emphasizes deeper understanding of the twists and turns of the process of science and the relevance of concepts to student's lives. The text is supported by a robust package of instructor and student ancillaries, including MasteringAstronomy. This market-leading online tutorial and homework system has been updated with new content that helps students learn and review more effectively outside of class. *The Cosmic Perspective: The Solar System*, Eighth Edition includes Chapters 1-13, 14, S1, 24. Also available with MasteringAstronomy MasteringAstronomy from Pearson is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students before, during, and after class with powerful content. Instructors ensure students arrive ready to learn by assigning educationally effective content before class, and encourage critical thinking and retention with in-class resources. Students can further master concepts after class through homework assignments that provide interactivity, hints and answer-specific feedback. The Mastering gradebook records scores for all automatically graded assignments in one place, while diagnostic tools give instructors access to rich data to assess student understanding and misconceptions. Mastering brings learning full circle by continuously adapting to each student and making learning more personal than ever--before, during, and after class. Note: You are purchasing a standalone product; MasteringAstronomy does not come packaged with this content. Students, if interested in purchasing this title with MasteringAstronomy, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

Astronomy Today Addison-Wesley

This newly revised and updated 3rd edition of ASTRONOMY: THE SOLAR SYSTEM AND BEYOND engages students as it illustrates their place in the

universe -- not just their location, but also their role as planet dwellers in an evolving universe. Fascinating and engaging, the book illustrates how science works, and how scientists depend on evidence to test hypotheses. Students will learn to focus on the scientific method through the strong central theme of "how we know what we know." Through a discussion of this interplay between evidence and hypothesis, *Seeds* provides not just a series of facts, but also a conceptual framework for understanding the logic of astronomical knowledge. The book vividly conveys the author's love of astronomy, shows students how the universe can be described by a small set of physical laws, and illustrates how they can comprehend their place in the universe by understanding these laws, rather than simply memorizing facts. By crafting a story about astronomy, *Seeds* shows students how to ask questions of nature and therefore gradually puzzle out the beautiful secrets of the physical world. With the use of mathematics set off in boxes, the book's presentation is flexible and allows instructors to teach to differing student levels. This is the first text from Mike Seeds to be written using a planets-first approach.

Astronomy Today Cengage Learning

FOUNDATIONS OF ASTRONOMY, 11e, INTERNATIONAL EDITION brings science to life. With this newly revised Eleventh Edition of FOUNDATIONS OF ASTRONOMY, INTERNATIONAL EDITION, best-selling authors Mike Seeds and Dana Backman strive to help students use astronomy to understand science--and use science to understand what we are. Fascinating, engaging, and extremely visual, this text emphasizes the scientific method throughout as it guides students to answer two fundamental questions: What are we? And how do we know? In discussing the interplay between evidence and hypothesis, the authors provide not only fact but also a conceptual framework for understanding the logic of science. The Eleventh Edition addresses the newest developments and latest discoveries in the exciting study of astronomy, including information to emphasize observations over the entire electromagnetic spectrum; new data on star formation and stellar structure; new insight on global warming and ozone depletion; updated information on the Kuiper belt and dwarf planets; and more. Whether you choose to assign homework in an online environment, give your students access to an affordable and interactive online text, or do both, the new FOUNDATIONS OF ASTRONOMY, INTERNATIONAL EDITION Online Version is the ideal solution for your course needs, giving your students Web-based access to a digital version of the text. In addition, the new online Enhanced WebAssign® homework management system enables you to easily assign and manage homework online.

Horizons Addison-Wesley

Adapted from the newly revised FOUNDATIONS OF ASTRONOMY, Sixth Edition, THE SOLAR SYSTEM, Second Edition contains the introductory and historical astronomy chapters as well as the planets chapters and the last chapter, Life on Other Worlds. This newly revised and updated Second Edition shows students their place in the universe -- not just their location, but also their role as planet dwellers in an evolving universe. Fascinating and engaging, the book illustrates how science works, and how scientists depend on evidence to test hypotheses. Through a discussion of this interplay between evidence and hypothesis, the book provides not just a series of facts, but also a conceptual framework for understanding the logic of astronomical knowledge. Fascinating and vivid, the book conveys the author's love of the subject, shows students how the universe can be described by a small set of physical laws, and illustrates how they can comprehend their place in the universe by understanding these laws and not through memorization of facts. The book's use of mathematics is incorporated into the body of the text (as well as in separate sections for easy reference), but the arguments of the text do not depend on mathematical reasoning, allowing math-averse students to easily follow the story.

The Solar System and Beyond Cengage Learning

Fascinating, engaging and extremely visual, FOUNDATIONS OF ASTRONOMY, 14th Edition, emphasizes the scientific method throughout as it guides students to answer two fundamental questions: What are we? And how do we know? In addition to exploring the newest developments and latest discoveries in the exciting field of Astronomy, authors Michael Seeds and Dana Backman discuss the interplay between evidence and hypothesis, providing both factual information and a conceptual framework for understanding the logic of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Astro 3 (Book Only) Cengage Learning

This edition of UNIVERSE Hybrid 8e means the same proven Seeds/Backman approach and trusted content, fully updated with the latest discoveries and resources to meet the needs of today's diverse students.

Horizons Cengage Learning

With this newly revised 7th edition of UNIVERSE: SOLAR SYSTEM, STARS, AND GALAXIES, International Edition Mike Seeds' and Dana Backman's goal is to help students use astronomy to understand science and use science to understand what we are. Fascinating and engaging, this text illustrates the scientific method and guides students to answer these fundamental questions: "What are we?" and "How do we know?" In discussing the interplay between evidence and hypothesis, the authors provide not just facts but a conceptual framework for understanding the logic of science. The book vividly conveys their love of astronomy and illustrates how students can comprehend their place in the universe by grasping a small set of physical laws. Crafting a story about astronomy, the authors show students how to ask questions to gradually puzzle out the beautiful secrets of the physical world. The revision addresses new developments in astrophysics and cosmology, plus the latest discoveries, including evidence of a new world beyond Pluto and new evidence of dark energy and the acceleration of the universe.

The Solar System Cengage Learning

This newly revised and updated Sixth Edition of FOUNDATIONS OF ASTRONOMY shows students their place in the universe -- not just their location, but also their role as planet dwellers in an evolving universe. Fascinating and engaging, the book illustrates how science works, and how scientists depend on evidence to test hypotheses. Through a discussion of this interplay between evidence and hypothesis, Seeds provides not just a series of facts, but also a conceptual framework for understanding the logic of astronomical knowledge. Fascinating and vivid, the book conveys the author's love of the subject, shows students how the universe can be described by a small set of physical laws, and illustrates how they can comprehend their place in the universe by understanding these laws, not through memorization of facts. The book's use of mathematics is incorporated into the body of the text (as well as in separate sections for easy reference), but the arguments of the text do not depend on mathematical reasoning, allowing math-averse students to easily follow the story. The revision covers the history of astronomy, elementary physics concepts, stars and galaxies, the origins of the universe, and the Solar System.

Foundations of Astronomy Brooks/Cole Publishing Company

This Cengage Technology Edition is the result of an innovative and collaborative development process. The textbook retains the hallmark approach of this respected text, whilst presenting the content in a print and digital hybrid that has been tailored to meet the rapidly developing demands of today's lecturers and students. This blended solution offers a streamlined textbook for greater accessibility and convenience, complemented by a bolstered online presence, for a truly multi-faceted learning experience. Now in its eighth edition, Stars and Galaxies is renowned for its up-to-date coverage, reader-friendly presentation, and detailed yet clear explanations.

The authors' goals are to help readers use astronomy to understand science and use it to understand what we are. This is a fascinating, engaging and extremely visual text which guides students through how to answer two fundamental Astronomy questions; what are we? And how do we know?

Foundations of Astronomy + Mindtap Astronomy, 6-month Access Thomson Brooks/Cole Fascinating, engaging, and extremely visual, THE SOLAR SYSTEM Eighth Edition emphasizes the scientific method throughout as it guides students to answer two

fundamental questions: What are we? And how do we know? Updated with the newest developments and latest discoveries in the exciting study of astronomy, authors Michael Seeds and Dana Backman discuss the interplay between evidence and hypothesis, while providing not only fact but also a conceptual framework for understanding the logic of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Universe: Solar System, Stars, and Galaxies The Solar System

Fascinating, engaging, and extremely visual, STARS AND GALAXIES emphasizes the scientific method throughout as it guides students to answer two fundamental questions: What are we? And how do we know? Updated with the newest developments and latest discoveries in the field of astronomy, authors Michael Seeds and Dana Backman discuss the interplay between evidence and hypothesis, while providing not only facts but also a conceptual framework for understanding the logic of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Foundations of Astronomy Brooks Cole

Every 4LTR Press solution comes complete with an engaging print textbook, tear-out review cards, an interactive digital solution (CengageNOW), and an eBook--all of which were directly influenced by student focus groups, surveys, and interviews. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Foundations of Astronomy, Enhanced Thomson Brooks/Cole

With Astronomy Today, Seventh Edition, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy and awaken you to the universe around you. The text emphasizes critical thinking and visualization, and it focuses on the process of scientific discovery, making "how we know what we know" an integral part of the text. The revised edition has been thoroughly updated with the latest astronomical discoveries and theories, and it has been streamlined to keep you focused on the essentials and to develop an understanding of the "big picture." Alternate Versions Astronomy Today, Volume 1: The Solar System, Seventh Edition—Focuses primarily on planetary coverage for a 1-term course. Includes Chapters 1-16, 28. Astronomy Today, Volume 2: Stars and Galaxies, Seventh Edition—Focuses primarily on stars and stellar evolution for a 1-term course. Includes Chapters 1-5 and 16-28.

Astronomy: The Solar System and Beyond Cengage Learning

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Astronomy Today Cengage Learning

With this newly revised 7th edition of UNIVERSE: SOLAR SYSTEM, STARS, AND GALAXIES, Mike Seeds and Dana Backman's goal is to help students use astronomy to understand science and use science to understand what we are. Fascinating and engaging, this text illustrates the scientific method and guides students to answer these fundamental questions: What are we? and How do we know? In discussing the interplay between evidence and hypothesis, the authors provide not just facts but a conceptual framework for understanding the logic of science. The book vividly conveys their love of astronomy and illustrates how students can comprehend their place in the universe by grasping a small set of physical laws. Crafting a story about astronomy, the authors show students how to ask questions to gradually puzzle out the beautiful secrets of the physical world. The revision addresses new developments in astrophysics and cosmology, plus the latest discoveries, including evidence of a new world beyond Pluto and new evidence of dark energy and the acceleration of the universe. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Solar System Cengage Learning

Fascinating, engaging, and extremely visual, THE SOLAR SYSTEM emphasizes the scientific method throughout as it guides students to answer two fundamental questions: What are we? And how do we know? Updated with the newest developments and latest discoveries in the field of astronomy, authors Michael

Seeds and Dana Backman discuss the interplay between evidence and hypothesis, while providing not only facts but also a conceptual framework for understanding the logic of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.