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For courses in Introductory Astronomy. Connects introductory astronomy to a broad understanding of the universe In this Ninth Edition of Astronomy Today , authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy, combining up-to-date science with insightful pedagogy. The text emphasizes visualization, focusing on the process of scientific discovery in order to teach readers "how we know what we know." Updated features in the 9th Edition, Big Pictures and Big Questions, help readers connect the content of each chapter with a broader understanding of the universe while piquing

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semester courses and the other, a brief visual book), the authors continue to emphasize three major themes: the process of science, the size and scale of the universe, and the evolution of the cosmos. This new edition ignites student interest with new discoveries from the latest space missions and a new focus on student-oriented engagement. Also available with MasteringAstronomy™ This title is also available with MasteringAstronomy from Pearson, the leading online homework, tutorial, and assessment system, designed to improve learning outcomes by engaging students 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 such as Learning Catalytics™. 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's style and pace of learning, making learning more personal than ever-before, during, and after class. 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 Media Workbook for The Cosmic Perspective, The Essential Cosmic Perspective* Pearson

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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. This package consists of: Standalone Access Card for MasteringAstronomy with Pearson eText for Astronomy Today, Eighth Edition  
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MasteringAstronomy is the most sophisticated astronomy tutorial and assessment system ever built. It provides the first library of activities and problems pre-tested by students nationally. Sophisticated analysis of the student performance data (including difficulty, time spent, and most common errors) has allowed every item to be systematically refined for quality, educational effectiveness, efficiency of teaching and learning, and assessment accuracy. The students' choice: interactive, self-study activities used by 100,000 students MasteringAstronomy offers the most highly rated, most widely used student self-study media available. Award-winning interactive tutorials (previously available at Addison-Wesley's [www.astronomyplace.com](http://www.astronomyplace.com)) are complemented by a wealth of other targeted self-assessment aids, including quizzes, exercises, and NEW! Interactive Figures and Interactive Photos from the book. A one-year access to MasteringAstronomy is included with all new copies of Bennett et al's *The Cosmic Perspective, Fourth Edition, The Solar System, Fourth Edition, Stars, Galaxies, and Cosmology, Fourth Edition* or can be purchased as a stand-alone product to use with any introductory astronomy text. [www.masteringastronomy.com](http://www.masteringastronomy.com)

**The Cosmic Perspective** Addison-Wesley  
Longman

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**Astronomy Today, Books a la Carte Edition** Pearson  
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**924 Elementary Problems and Answers in Solar System Astronomy** New Leaf Publishing Group

This product features all of the resources of Modified Mastering Astronomy in addition to the Pearson eText. Mastering(TM) is the teaching and learning platform that empowers you to reach every student. By combining trusted author content with digital tools developed to engage students and emulate the office-hour experience, Mastering personalizes learning and improves results for each student. The fully integrated and complete media package allows instructors to engage students before they come to class, hold them accountable for learning during class, and then confirm that learning after class.

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Astronomy is written in clear non-technical language, with the occasional touch of humor and a wide range of clarifying illustrations. It has many analogies drawn from everyday life to help non-science majors appreciate, on their own terms, what our modern exploration of the universe is revealing. The book can be used for either a one-semester or two-semester introductory course (bear in mind, you can customize your version and include only those chapters or sections you will be teaching.) It is made available free of charge in electronic form (and low cost in printed form) to students around the world. If you have ever thrown up your hands in despair over the spiraling cost of astronomy textbooks, you owe your students a good look at this one. Coverage and Scope Astronomy was written, updated, and reviewed by a broad range of astronomers and astronomy educators in a strong community effort. It is designed to meet scope and sequence requirements of introductory astronomy courses nationwide. Chapter 1: Science and the Universe: A Brief Tour Chapter 2: Observing the Sky: The Birth

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30: Life in the Universe Appendix A: How to  
Study for Your Introductory Astronomy Course  
Appendix B: Astronomy Websites, Pictures,  
and Apps Appendix C: Scientific Notation  
Appendix D: Units Used in Science Appendix  
E: Some Useful Constants for Astronomy  
Appendix F: Physical and Orbital Data for  
the Planets Appendix G: Selected Moons of  
the Planets Appendix H: Upcoming Total  
Eclipses Appendix I: The Nearest Stars,  
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that require active participation. Dedicated to  
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that build an ideal learning path for students.  
Aiming to foster a lifelong learning experience,  
the authors focus on key concepts, providing big  
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understanding, and preferring plain language to  
jargon. The 8th Edition incorporates the latest  
scientific updates in the field of astronomy and  
includes new features that reinforce critical  
thinking and excite students' curiosity. New  
features such as *Extraordinary Claims* engage  
students by presenting extraordinary claims about  
the universe and how they were either supported or  
debunked as scientists collected more evidence,  
reinforcing the process of science and how  
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Cosmic Perspective* establishes a personal  
connection between students and the cosmos as they  
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Designed and written for a one semester course,  
this text shares many of the strengths of its more  
comprehensive best-selling sibling, *The Cosmic  
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*Astronomy Mastering (TM) Astronomy* is the leading  
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Astronomy Pearson

Teacher Guide for the 36-week, 9th-12th grade science course! The vital resource for grading all assignments from the Survey of Astronomy course, which includes: Facts that challenge secular theories and models of the universe - how it began and how it continues to amaze the scientific community Information about our universe and God's powerful hand in His created cosmos, including how the moon could only have been placed in its orbit by an all-knowing, all-powerful Creator. OVERVIEW: The Psalmist wrote, "When I consider Your heavens, the work of Your fingers, the moon and the stars, which You have ordained, what is man that You are mindful of him, and the Son of man that You visit him?" (Ps. 8:3-6). Students taking this course will tour the universe, marveling at our galaxy through full-color star charts, easy-to-use illustrations, and even glimpses of the red supergiant star Betelgeuse over 3000 trillion miles away without the need of binoculars or a telescope. They will also be able to answer questions like: "How do

phases of the moon work? When will the next solar eclipse take place? What is that bright star setting in the west? How do I find Saturn? What sorts of objects can be seen with binoculars?" These questions and many more are easily answered with the helpful tips and basic understanding of astronomy presented through the materials included in this course. Take a few moments to stand and look up at the glorious night sky, appreciating the majestic beauty of God's vast universe. FEATURES: The calendar provides lesson planning with clear objectives, and the worksheets and quizzes are all based on the materials provided for the course.

Intro to Meteorology and Astronomy Parent Lesson Planner Pearson

This Survey of Astronomy Curriculum Guide contains materials for use with Taking Back Astronomy, Our Created Moon, The Stargazer's Guide to the Night Sky, Our Created Moon DVD, Created Cosmos DVD. Features: Each suggested weekly schedule has three easy-to-manage lessons which combine reading, worksheets, and vocabulary-building opportunities including an expanded glossary for each book. Designed to allow your student to be independent, materials in this resource are divided by section so you can remove quizzes, tests, and answer keys before beginning the coursework. As always, you are encouraged to adjust the schedule and materials as you need to in order to best work within your educational program. Workflow: Students will read the pages in their book and then complete each section of the study guide worksheets. Tests are given at regular intervals with space to record each grade. Younger students may be given the option of taking open book tests.

**Modified Mastering Astronomy with Pearson EText -- Standalone Access Card -- for the Cosmic Perspective Fundamentals** Pearson

This Introduction to Meteorology and Astronomy Curriculum Guide contains materials for use with The Weather Book and The Astronomy Book in the Wonders of Creation series. Features: Each suggested weekly schedule has three easy-to-manage lessons which combine reading, worksheets, and vocabulary-building opportunities including an expanded glossary for each book. Designed to allow your student to be independent, materials in this resource are divided by section so you can remove quizzes, tests, and answer keys before beginning the coursework. As always, you are encouraged to adjust the schedule and materials as you need to in order to best work within your educational program.

**Survey of Astronomy Parent Lesson Planner, Grades 10-12** New Leaf Publishing Group

For courses in Introductory Astronomy. Connects introductory astronomy to a broad understanding of the universe In this Ninth Edition of Astronomy Today , authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy, combining up-to-date science with insightful pedagogy. The text emphasizes visualization, focusing on the process of scientific discovery in

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order to teach readers "how we know what we know." Updated features in the 9th Edition, Big Pictures and Big Questions, help readers connect the content of each chapter with a broader understanding of the universe while piquing interest in current research. New features within Mastering™ Astronomy bring these features together and allow readers to interact with astronomy outside of the classroom. The 9th Edition has also been thoroughly updated and revised to reflect recent discoveries in the field of astronomy. Also available with Mastering Astronomy Mastering™ Astronomy is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students with powerful, interactive content. Instructors ensure students arrive ready to learn by assigning new Interactive pre-lecture videos that give students exposure to key concepts before class and open classroom time for active learning or deeper discussions of topics. With Learning Catalytics™ instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups. Students further master concepts through book-specific Mastering Astronomy assignments, which provide hints and answer-specific feedback that build problem-solving skills. Mastering Astronomy now features Virtual Astronomy Labs, providing assignable online laboratory activities that use Stellarium and Interactive Figures. Note: You are purchasing a standalone product; Mastering™ Astronomy does not come packaged with this content. Students, if interested in purchasing this title with Mastering Astronomy, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and Mastering Astronomy, search for: 0321897617 / 9780321897619 Astronomy Today Plus Mastering Astronomy with eText -- Access Card Package Package consists of: 0321901673 / 9780321901675 Astronomy Today 0321909860 / 9780321909862 Mastering Astronomy with Pearson eText -- ValuePack Access Card -- for Astronomy Today