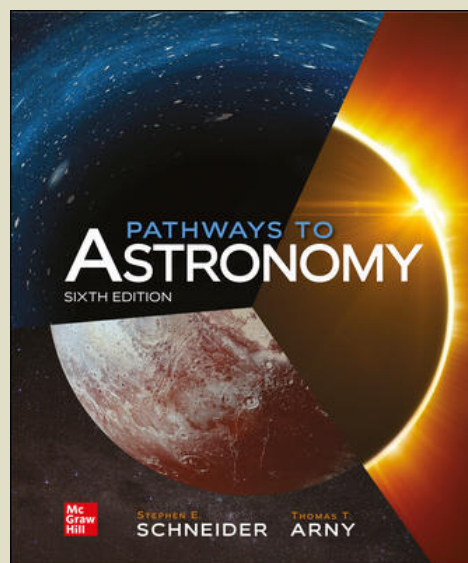


List of Changes



Pathways to Astronomy

6th Edition

Schneider

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available in



connect®

Pathways to Astronomy breaks down introductory astronomy into its component parts. The huge and fascinating field of astronomy is divided into 86 units. These units are woven together to flow naturally for the person who wants to read the text like a book, but it is also possible to assign them in different orders, or skip certain units altogether. Professors can customize the units to fit their course needs. They can select individual units for exploration in lecture while assigning easier units for self-study, or they can cover all the units in full depth in a content-rich course. With the short length of units, students can easily digest the material covered in an individual unit before moving onto the next unit.

SEE LIST OF CHANGES ATTACHED.

McGraw-Hill Connect® is a course management and adaptive learning solution that enhances your unique voice and teaching style. As your partner, we're committed to helping you achieve your course goals and unlock student potential. That's why we've made meaningful updates to this edition.

New In Connect:

Projects – Using Stellarium software, Projects is designed to delve into a wide variety of astronomical phenomena. Each project provides detailed instructions and asks probing questions as you observe events from Earth and other locations. These might be carried out as individual projects or presented in class.

Test Builder – This cloud-based tool enables instructors to format tests that can be printed or administered within an LMS. It offers a modern, streamlined interface for easy content configuration that matches course needs, without requiring a download.

SmartBook® 2.0 – Our adaptive reading experience has been made more personal, accessible, productive, and mobile.

A number of online resources are available through Connect – Animations show short clips that illustrate a process that may be otherwise difficult to visualize. Interactives allow students to manipulate parameters and gain a better understanding of topics such as blackbody radiation, the Bohr model, retrograde motion, and the H-R diagram by watching the effects of these manipulations.

Writing Assignments – This assignment type delivers a learning experience that helps students improve their written communication skills and conceptual understanding. As an instructor, you can assign, monitor, grade, and provide feedback on writing more efficiently.

Additional Value When You Upgrade

- **NEW!** Free mobile access to SmartBook 2.0 assignments and the digital textbook with the ReadAnywhere app.
- **NEW!** Remoting proctoring and browser-locking capabilities allowing for more control over the integrity of online assessments.
- **NEW!** Ability to create enhanced assignments personalized to each student's needs.
- Accessibility and student data security enhancements.
- More advanced student and class reporting capabilities.
- 99.99% platform uptime

Visit mheducation.com/connect for details.



Changes to Schneider: Pathways to Astronomy, 6e

New to This Edition:

The authors made some significant changes to the new edition of this text.

The updates include:

- **New and Updated Research.** The authors have scanned the literature and popular press to include the most interesting recent results. Some results included in this edition focus on areas such as the rapidly expanding data on exoplanets. To bring in recent news, anticipated space missions, and current research topics, we have added a new feature called “Cosmic Frontiers.” These entries appear in marginal boxes, giving us a place to talk about exciting new material that perhaps will be included as part of the regular text in the future.
- **Text Revisions.** Using heat-map data from Smartbook 1.0, the authors reviewed readers’ responses to questions about the content to the sections of the text where the question’s subject matter is discussed. The authors focused efforts at clarifying wording on material that students found most challenging.
- **Updated Images.** More than 80 figures were added, updated, or replaced. A number of figures of the sky were created using the free open-source program Stellarium.
- Updated **Connect Site** with SmartBook 2.0.

Affordability & Outcomes

Affordability & Outcomes

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Support At Every Step

Find all the resources you need for a successful semester in one spot: supportateverystep.com.

Faculty support is critical to the success of implementing and using digital courseware. That's why we teamed up with faculty to create a website dedicated to providing above-and-beyond support. From initial training to implementing new tools to digging into the data, we're here to help.

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