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Make Learning Part of the Grade™

Introducing Mastering, the most effective and widely used online assessment and tutorial system for AP, Honors, & Electives science subjects. Mastering products have been designed with the single purpose of helping your students reach more moments of true understanding that lead to better results.



With Mastering you can:

- **Engage and motivate students to learn:** Break free of multiple choice with a wide variety of automatically graded assignment options that accommodate different teaching and learning styles.
- **Provide students with personalized coaching and feedback:** Correlated to your Pearson textbook, highly interactive self-paced tutorials coach each student with hints and feedback specific to their own misconceptions.
- **Quickly monitor and display student results:** The grade book functionality provides you with quick results and easy-to-interpret insights into student performance — and every assignment is automatically graded.
- **Easily capture data to demonstrate assessment outcomes:** With a single click, charts summarize the most difficult problems, vulnerable students, grade distribution, and even score improvement over the curve.

See individual listings for availability.

Pearson eText* app for the iPad® tablet

Now you can experience Pearson eText on the go—anytime, anywhere—with the dynamic features of the iPad tablet. The app provides the same features available to browser-based Mastering with Pearson eText subscribers: full-text search, highlighting, note-taking, bookmarking, support for multimedia content, and glossaries. Plus, students can download chapters to work offline.

**The Pearson eText app for the iPad tablet requires iOS4.2 and a valid Mastering username and password. Access to Mastering comes with purchase of select titles.*

See individual products for more information. Not all titles support all features.

Pearson eText* app for the Android™ tablet

The Pearson eText app for the Android tablet is a great companion that provides full-text search capabilities, a notes manager, support for multimedia content, glossaries, and many other exciting features. Plus, students are able to download chapters to work offline.

**The Pearson eText app for the Android requires OS3.1 or newer, a 7" or 10" tablet, and a valid Pearson Mastering username and password. Access to Pearson Mastering comes with purchase of select titles. See individual products for more information. Not all titles support all features. App is available for download from Google® play.*

Discover the Power of Mastering

For Teacher Preview Access to Mastering:

1. Go to PearsonSchool.com/access_request
2. Select "Initial Access," then choose Option 5

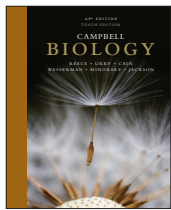
For a complete Mastering overview join one of our live webinars:

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AP BIOLOGY

Advanced Placement

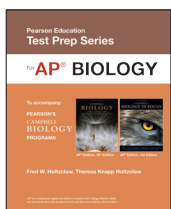


NEW! Reece, *Campbell Biology AP® Edition*, 10th Ed., ©2014 with *MasteringBiology*

- Fully supports the current and forthcoming AP biology curriculum!
- #1 AP biology program available.
- Comprehensive textbook with the pedagogical innovation to support your students.
- Visual Organizer Figures emphasize the hierarchy of

information in a way that makes it easy for visual learners to make connections between the figures and text descriptions.

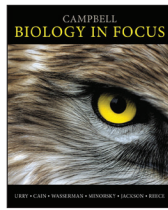
- Ties together key themes and big ideas by building on the Key Concepts chapter framework.
- Pearson Active Reading Guide ensures that students read and interact with the text.
- Student Edition includes multi-year access to **MasteringBiology with Pearson eText**.



NEW! For the AP® Biology Exam

Holtzclaw, *Test Prep AP® for Biology*

The Pearson Education's Test Prep workbook for AP® Biology has been thoroughly revised to be congruent with the new Curriculum Framework, give students information about the organization of the course by Big Ideas, and introduce them to the Science Practices. Content information is provided to summarize the concepts retained in the new Curriculum Framework, while notes are added to separate content that is required from material teachers may use as Illustrative Examples.

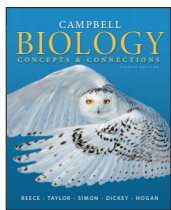


NEW! Urry et al., *Campbell Biology in Focus AP® Edition*, 1st Ed., ©2014 with *MasteringBiology*

- A streamlined, 900 page text with core content and scientific skills necessary for AP Biology success.
- This new program includes all of the content in the College Board's NEW AP Biology Curriculum Framework and is supported by a wealth of teacher and student materials, including **MasteringBiology**.
- Offers AP-specific chapter level features that clearly correlate the textbook's content to the **new AP Curriculum Framework** and prepare students for AP Exam success.
- AP-customized instruction and practice test questions at the end of each chapter.
- Student Edition includes multi-year access to **MasteringBiology with Pearson eText**.

BIOLOGY

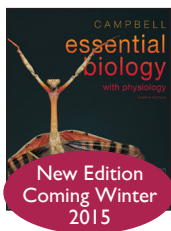
College Prep/Biology 2/Honors



NEW! Reece et al., *Campbell Biology: Concepts & Connections*, 8th Ed., ©2015 with *MasteringBiology*

- For honors biology or biology 2 course.
- "Flexible learning framework" presents concepts in a modular format.
- Fully revised with a focus on making the content accessible for all students

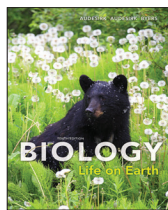
- Conversational writing style.
- Real-world examples and analogies bring the science to life.
- **New!** Each chapter opens with a list of the Big Ideas covered in each chapter.
- Revised art program focuses on helping students visualize the science.
- **New!** Scientific Discover Boxes spotlight "how we know what we know," how researchers designed an experiment, interpreted their results, and drew conclusions.
- **New!** Checkpoint Questions at the end of each module allow students to self-assess their knowledge before proceeding through the chapter.
- Student Edition includes multi-year access to **MasteringBiology with Pearson eText**.



Simon et al., *Campbell Essential Biology with Physiology*, 4th Ed., ©2013 with *MasteringBiology*

- For college-prep.
- A visual approach with easy-to-follow navigation makes learning biology enjoyable for a wide range of students.
- Three themes (relevance, process of science, and evolution) found at the beginning, middle, and end of every chapter.

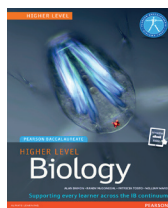
- New! Visual Organizers help student see important categories at a glance.
- Multi-year access to **MasteringBiology with Pearson eText** provided free upon textbook adoption.



NEW! Audesirk et al., *Biology: Life on Earth with Physiology*, 10th Ed., ©2014 with *MasteringBiology*

- Known for thorough coverage of diversity, ecology, animal physiology, and environmental issues.
- Multi-year access to **MasteringBiology with Pearson eText** provided upon textbook adoption.

PEARSON BACCALAUREATE / IB DIPLOMA



Completely revised new editions of the market-leading Biology textbooks for HL and SL, written for the new 2014 Science IB Diploma curriculum. Now with an accompanying four-year student access to an enhanced eText, containing simulations, animations, worked solutions, videos and much more. The enhanced eText is also available to buy separately and works on desktops and tablets.

- Follows the organizational structure of the new Biology guide, with a focus on the Essential Ideas, Understanding,

Applications & Skills for complete syllabus-matching.

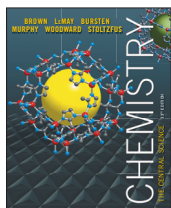
- Written by the highly experienced IB author team, you can be confident that you and your students have all the resources you will need for the new Biology curriculum.
- For additional information visit, PearsonSchool.com/IB

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AP CHEMISTRY

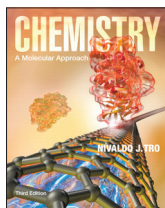
New AP Chemistry Curriculum — New Opportunities for Success

Advanced Placement



NEW! Brown et al., *Chemistry: The Central Science, AP[®] Edition*, 13th Ed., ©2015 with **MasteringChemistry**

- Significantly streamlined end-of-chapter questions based on student-tested data from **MasteringChemistry**.
- Unique “Go Figure” questions encourage students to stop and analyze the artwork in the text for conceptual understanding.
- Voice Balloons help students break down the components of an image, and “Over the Shoulder” leader lines provide a teacher’s perspective.
- Completely revised design and extensively revised line art and photos enhances student usability and reflects how modern students approach chemistry.
- This program fully supports the College Board’s **new AP Chemistry Curriculum Framework**. Visit PearsonSchool.com/AdvancedCorrelations.
- Student **Test Prep Workbook for AP[®] Chemistry** was created specifically for the AP Edition of Chemistry. *This workbook has been thoroughly revised to align with the College Board’s NEW AP Chemistry Curriculum Framework. Written by Ed Waterman, experience AP chemistry teacher.*
- Multi-year access to **MasteringChemistry with Pearson eText** provided upon textbook adoption.

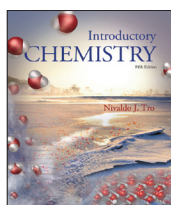


Tro, *Chemistry: A Molecular Approach*, 3rd Ed., ©2014 with **MasteringChemistry**

- The relevance of chemistry to students’ everyday lives, their future careers, and their world is demonstrated consistently and effectively.
- Students’ problem-solving skills are developed through a consistent step-by-step framework that encourages students to think logically through the problem-solving process rather than simply memorizing formulas.
- This program supports the College Board’s new AP Chemistry Curriculum Framework. Visit PearsonSchool.com/AdvancedCorrelations.
- Student **Test Prep Workbook for AP[®] Chemistry** was created specifically for the AP Edition of *Chemistry*.
- Multi-year access to **MasteringChemistry with Pearson eText** provided upon textbook adoption.

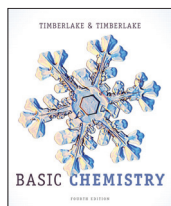
COLLEGE PREP / HONORS CHEMISTRY

College Prep/Honors



Tro, *Introductory Chemistry*, 5th Ed., ©2015 with **MasteringChemistry**

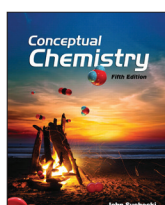
- Known for its consistent problem-solving approach.
- Teaches students to understand chemical principles and master problem-solving skills.
- Each new Student Edition includes One-year access to **MasteringChemistry with Pearson eText**.



Timberlake, Timberlake, *Basic Chemistry*, 4th Ed., ©2014 with **MasteringChemistry**

- For honors chemistry courses.
- Significantly revised — new and streamlined content.
- Visual, step-by-step problem-solving strategy.
- Multi-year access to **MasteringChemistry with Pearson eText** provided upon adoption.

Alternative Approach

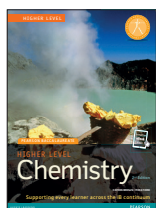


Suchocki, *Conceptual Chemistry*, 5th Ed., ©2014

An alternative approach to chemistry. This robust program uses a conversational writing style to engage and involve students in helping them visualize the behavior of atoms and molecules to understand our macroscopic environment.

- Hands-on activities allow students to witness chemistry outside a formal laboratory setting.
- With a focus on fundamental concepts—not mathematical models—and supported by a dynamic media program.
- One-year access to **MasteringChemistry with Pearson eText** provided upon textbook adoption.

PEARSON BACCALAUREATE / IB DIPLOMA

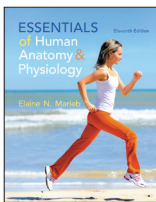


Completely revised new editions of the market-leading Chemistry textbooks for HL and SL, written for the new 2014 Science IB Diploma curriculum. Now with an accompanying four-year student access to an enhanced eText, containing simulations, animations, quizzes, worked solutions, videos and much more. The enhanced eText is also available to buy separately and works on desktops and tablets.

- Follows the organizational structure of the new Chemistry guide, with a focus on the Essential Ideas, Understanding, Applications & Skills for complete syllabus-matching.
 - Written by the highly experienced IB author team of Catrin Brown and Mike Ford, with additional e-features by Richard Thornley and David Moore, you can be confident that you and your students have all the resources you will need for the new Chemistry curriculum.
- For additional information visit, PearsonSchool.com/IBprograms.

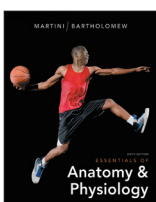
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ANATOMY & PHYSIOLOGY



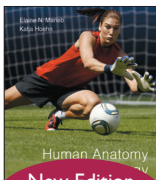
NEW! Marieb, *Essentials of Human Anatomy & Physiology*, 11th Ed., ©2015 with **MasteringA&P**

- For general-level A&P courses.
- #1 high school A&P textbook.
- Friendly, down-to-earth writing style, including many everyday analogies.
- Clearly defined chapter objectives help students manage information in easy-to-learn chunks.
- Strong art and text integration including 3-D anatomy drawings, visual process diagrams, and realistic bone-and-muscle art.
- Fully revised teacher and student supplements – including a new edition of *Anatomy & Physiology Coloring Workbook* and *Essentials of Anatomy & Physiology Lab Manual*.
- Multi-year access to **Mastering A&P with Pearson eText** provided upon textbook adoption.



Martini, Bartholomew, *Essentials of Anatomy & Physiology*, 6th Ed., ©2013 with **MasteringA&P**

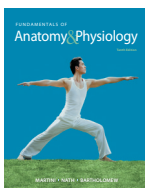
- For general-level A&P courses.
- Flawless illustrations, easy-to-follow explanations, and insights into healthcare careers
- Three-level learning system organized by difficulty ensures that students learn basic facts before concepts, and concepts before applications.
- Multi-year access to **Mastering A&P with Pearson eText** provided upon textbook adoption.



New Edition
Coming Winter
2015

Marieb, Hoehn, *Human Anatomy & Physiology*, 9th Ed., ©2013 with **MasteringA&P**

- For a rigorous A&P course.
- Revised for easier readability and navigation.
- Newly developed Focus Figures and specially commissioned histology, bone, and cadaver photos.
- Case Studies enable students to better understand the content within clinical contexts.
- Multi-year access to **Mastering A&P with Pearson eText** provided upon textbook adoption.



NEW! Martini, Nath, *Fundamentals of Anatomy & Physiology*, 10th Ed., ©2015 with **MasteringA&P**

- For a rigorous A&P course.
- Newly written narrative makes the text more accessible for a wider range of students.
- The end-of-chapter Review Questions, organized by level of difficulty, ensure that students know basic facts before concepts, and concepts before applications.
- Multi-year access to **MasteringA&P with Pearson eText** provided upon textbook adoption.

ENVIRONMENTAL SCIENCE

Advanced Placement



NEW! Withgott, Brennan, *Environment: The Science Behind the Stories AP® Edition*, 5th Ed., ©2014 with **MasteringEnvironmentalScience**

- Incorporates the most current information in a streamlined, readable style.
- Includes 7 “Central Case Studies” and 17 “Science behind the Stories” features.
- “EnvisionIt!” feature — a full-page photo essay appearing once in the 17 issues chapters — draws in visual learners and helps all students envision vital concepts.
- Chapters on minerals and mining and expanded coverage on sustainable agriculture, renewable energy, carbon capture/storage, and much more.
- **Test Prep Series for AP® Environmental Science** is available with this text.
- Multi-year access to **Mastering Environmental Science with Pearson eText** provided upon textbook adoption.



NEW! Wright, Boorse, *Environmental Science: Toward a Sustainable Future*, 12th Ed., ©2014 with **MasteringEnvironmentalScience**

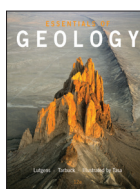
- Three unifying themes of science, sustainability, and stewardship help students conceptualize the task of forging a sustainable future.
- Visual program makes the text more visually appealing and includes visuals that teach more clearly.
- Multi-year access to **Mastering Environmental Science with Pearson eText** provided upon textbook adoption.

EARTH SCIENCE/GEOLOGY



NEW! Tarbuck, Lutgens, *Earth Science*, 14th Ed., ©2015 with **MasteringGeology**

- For 11th – 12th grade earth science course.
- Incorporates a new active learning approach and a fully updated visual program by Dennis Tasa.
- Straightforward and written to be understood — clear, readable discussions with a minimum of technical language.
- Multi-year access to **MasteringGeology with Pearson eText** provided upon textbook adoption.



NEW! Lutgens, Tarbuck, *Essentials of Geology*, 12th Ed., ©2015

- For an elective course in geology.
- New active learning approach throughout each chapter, offering students a structured learning path and provides a reliable, consistent framework for mastering the chapter concepts.
- New chapter dedicated to climate change.
- Multi-year access to **MasteringGeology with Pearson eText** provided upon textbook adoption.

PEARSON BACCALAUREATE / IB DIPLOMA



Written and developed by International Baccalaureate (IB) teachers and examiners, the Pearson Baccalaureate textbooks provide comprehensive coverage of the latest IB syllabus requirements. Some features of this text include:

- Clearly differentiated content for both Standard and Higher Level students.
- Includes highly visual graphs and topical examples to aid students' understanding of real-world economics.
- Contains answers to quantitative exercises found throughout the book.
- Integrated with free online learning resources at www.pearsonbacconline.com to support and extend study.
- Written in clear, accessible English for students whose first language is not English.

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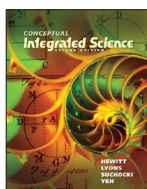
ASTRONOMY



Chaisson, McMillan, *Astronomy Today*, 8th Ed., ©2014 with **MasteringAstronomy**

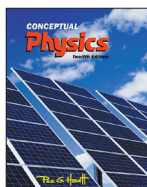
- For an astronomy elective course.
- Communicates the excitement of astronomy, emphasizes critical thinking and visualization, and focuses on the process of scientific discovery.
- Fully revised and updated with the latest astronomical discoveries and theories.
- “Process of Discovery” Boxes explore a wide variety of interesting supplementary topics, providing students with insight into how scientific knowledge evolves and emphasizing the process of science.
- Multiple-part figures are regularly used to convey the greatest amount of information in the most vivid way.
- Multi-year access to **MasteringAstronomy with Pearson eText** provided upon textbook adoption.

INTEGRATED SCIENCE



Hewitt et al., *Conceptual Integrated Science*, 2nd Ed., ©2013 with **MasteringPhysics**

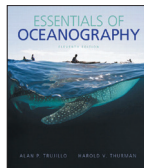
- For an 11th- 12th grade integrated science course.
- Covers physics, chemistry, earth science, astronomy, and biology at a level appropriate for non-science students.
- NEW! Learning objectives have been added so that students easily see the most important concepts in each chapter.
- Multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.



NEW! Hewitt, *Conceptual Physics*, 12th Ed., ©2015

- An alternative approach to basic physics.
- Enhanced coverage of topics in energy and environment.
- Conceptual Ranking end-of-chapter exercises help students master important concepts.
- Multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.

OCEANOGRAPHY



Trujillo, Thurman, *Essentials of Oceanography*, 10th Ed., ©2014 with **MasteringGeology**

- Shows the relationship between oceanographic phenomenon and other earth systems.
- Multi-year access to **MasteringGeology with Pearson eText** provided upon textbook adoption.

FORENSICS



Saferstein, *Forensic Science: An Introduction*, 2nd Ed., ©2011

New Edition
Coming Soon!

- For high school forensic science courses.
- Grabs students' interest and keeps it with real-life case studies and virtual crime scenes.
- New in-text QuickLabs – short, hands-on, and easy-to-implement activities.
- Instructor Resource CD now includes Teacher Lecture Videos.
- *Basic Laboratory Exercises in Forensic Science* developed specifically for high school courses.

Saferstein, *Forensic Science Virtual Labs*, ©2009

- For use with any high-school forensic science course.
- 13 virtual forensic science labs.
- 1-year online access-easy to use.

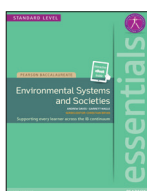
GENETICS



Klug, *Concepts of Genetics*, 10th Ed., ©2012

- For a rigorous genetics elective course.
- New coverage of genomics, bioinformatics, proteomics, and more.
- Clear and accessible writing style.
- One-year access to **MasteringGenetics with Pearson eText** provided upon textbook adoption.

PEARSON BACCALAUREATE / IB DIPLOMA

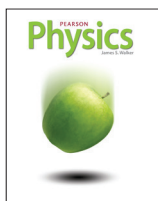


Pearson Baccalaureate Essentials is the first IB series written specifically for EAL students. Designed to supplement standard textbooks, each book acts as a condensed guide to Diploma subjects, with targeted language to embed key concepts without the obstacle of translation. The books are written in a clear academic style, using efficient and succinct sentences which are accessible for students whose first language is not English. The series contains:

- Focused content structured around the learning objectives of each subject guide.
 - Model sentences to guide responses, answer-openers and exam advice.
 - Synonym, glossary and subject vocabulary boxes.
 - Extended essay and internal assessment proposals and support.
 - Highlighted key words and phrases, placed within the context of the course.
 - Accompanying eBook with audio files of glossaries, model sentences and hints for success, plus PDFs of complete vocabulary lists.
- Pearson Baccalaureate Essentials can also be used by non-EAL students as clear and targeted revision guides.

PHYSICS

High School



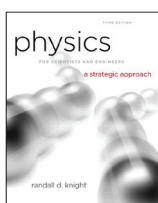
Walker, **Pearson Physics**, 1st Ed., ©2014

Pearson Physics is the only high school program that blends conceptual development and quantitative problem solving. The conversational and engaging writing style, numerous and varied examples, annotated art program, and dual emphasis on concepts and math—together with **MasteringPhysics**®—deliver a superior program.

- Relevant connections that tie abstract concepts to everyday experiences and modern technologies.

- Rich lab explorations and study support that allow students to practice and reinforce essential skills.
- Multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.

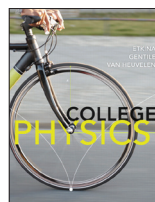
Advanced Placement – Calculus-Based



Knight, **Physics for Scientists and Engineers with Modern Physics**, 3rd Ed., ©2013 with **MasteringPhysics**

- Now with reinforced high school binding.
- Shorter than other complete calculus-based physics texts—explanations are easier to understand.
- Includes multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.

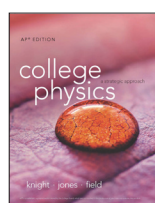
Advanced Placement – Algebra-Based (Physics 1&2) cont



NEW! Etkina, **College Physics, AP**® Edition, 1st Ed., ©2014 with **MasteringPhysics**

College Physics is the first text to use an investigative learning approach to teach introductory physics. This approach encourages students to take an active role in learning physics, to practice scientific skills such as observing, analyzing, and testing, and to build scientific habits of mind. The **active learning approach** encourages students to construct an understanding of physics concepts and laws in the same ways that physicists acquire knowledge. The authors believe students learn physics best by doing physics.

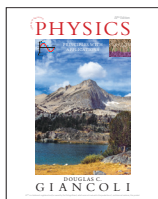
- This program is fully correlated to the College Board's Physics 1 and Physics 2 Curriculum Framework.
- Multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.



NEW! Knight, Jones, Field, **College Physics: A Strategic Approach, AP**® Edition, 3rd Ed., ©2015 with **MasteringPhysics**

- Introduces basic skills and core concepts using explicit and systemic problem-solving strategies.
- This program is fully correlated to the College Board's Physics 1 and Physics 2 Curriculum Framework.
- Multi-year access to **MasteringPhysics with Pearson eText** upon adoption of each new Student Edition

Advanced Placement – Algebra-Based (Physics 1&2)

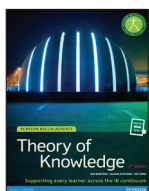


NEW! Giancoli, **Physics: Principles with Applications, AP**® Edition, 7th Ed., ©2014 with **MasteringPhysics**

Written with the goal of giving students a thorough understanding of the basic concepts of physics in all its aspects, the text uses interesting applications to biology, medicine, architecture, and digital technology to show students how useful physics is in their own everyday lives and in their future professions.

- This program is fully correlated to the College Board's Physics 1 and Physics 2 Curriculum Framework.
- Multi-year access to **MasteringPhysics with Pearson eText** provided upon textbook adoption.

PEARSON BACCALAUREATE / IB DIPLOMA



The new edition of Pearson Baccalaureate: Theory of Knowledge is written by an author team consisting of Julian Kitching and Ric Sims, highly regarded members of the curriculum review panel, and Sue Bastian, the architect of the original ToK curriculum. Key features:

- Provides comprehensive coverage of the new knowledge framework.
- Includes new chapters on religious and indigenous knowledge as a way to enrich the concept of knowledge and international-mindedness.
- Synonym, glossary and subject vocabulary boxes.
- Engages students in critical thinking relevant to their other courses and their life outside the classroom.
- Teaches students how to prepare and evaluate their work, including the Prescribed Essay and Student Presentation.

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