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16 Professional Development (School)

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Learning begins with curiosity. Inspire Science is designed to help you spark that curiosity in your students and inspire the next generation of innovators and inventors to ask more WHYS, think more critically, and become creative problem solvers. It’s proof that science education can be more comprehensive and, yes, more fun.

What makes Inspire Science so powerful?

SIMPLE
It helps you embrace science through a simple, user-friendly teaching experience.

CONNECTED
It helps you get more out of science time through built-in literacy and math connections.

INSPIRING
It helps you prepare students for a future full of STEM opportunities with hands-on, real-world problem-solving instruction designed for 21st century standards and learners. So they can become an engineer. Or an astronaut. Or something we haven’t even discovered yet.

Get Ready to Be Inspired!
Introducing the new Primary Science blended learning program designed for students grade 1 – 6 to prepare the next generation of innovators.
This book will help you:

**Inspire Science**

With this book, you will do research for your science and engineering lessons, just like real scientists. You will learn to:

- Conduct science research and check your facts
- Learn about science and engineering careers
- Get information to solve engineering problems
- Conduct science research and check your facts
- Learn about the engineering design process

**Using this book you will learn to:**

- Be a Scientist!
- Be an Engineer!
- Answer Big Questions
- Solve Real-World Problems
- Conduct scientific Investigations
- Develop hypotheses

**Materials Included:**

- Student Journal
- Be a Scientist Notebook
- Student Research Tool
- Science Handbook
- Teacher's Edition

**Digital & Physical Component Price List**

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**Table Examples:**

**Teacher Print/Digital Bundles**

Multi-year Teacher Subscription (Digital with digital assets accessible, fully aligned with 2.0 print Teacher's Edition content)

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**Student Deluxe Bundles**

Multi-year Student Subscription; Be a Scientist Notebook (consumable and sent annually); Hardbound Science Handbook (initial year only)

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**Student Basic Bundles**

Multi-year Student Subscription and Be a Scientist Notebook (consumable and sent annually)

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**Online Teacher Centers**

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Deliver Lifelong Learning

Science A Closer Look, offers students exciting and accessible standards-based lessons. Engaging activities promote curiosity and foster the development of science inquiry skills. Through a consistent and structured learning cycle, students confidently build upon their experiences to develop a lifelong understanding of science concepts.

STUDENT EDITION MODULES

Grade 7
- Plants
- Animals and Their Homes
- Weather and Sky
- Motion and Energy

Grade 2
- Habitats
- Our Earth
- Matter
- Motion and Energy

Grade 3
- Living Things
- Ecosystems
- Earth and Its Resources
- Forces and Energy

Grade 4
- Living Things
- Ecosystems
- Earth and Its Resources
- Forces and Energy

Grade 5
- Living Things
- Ecosystems
- Earth and Its Resources
- Forces and Energy

STEM STUDENT EDITION MODULES

Write-in text for individual student use

Grade 1
- 978-0-02-143811-2

Grade 2
- 978-0-02-143812-9

Grade 3
- 978-0-02-143815-0

Grade 4
- 978-0-02-143816-7

Grade 5
- 978-0-02-143817-4
Expert Service to Meet Your Needs
Craft Content to Match Your Vision

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You need to deliver programs the way you want, better meet your students’ needs, and create compelling learning solutions to fit your budget.
Now, you can design custom educational solutions—classroom materials, books, digital solutions, and integrated program alternatives.

Let Us Build a Solution That Works For You
A customized solution from McGraw-Hill Education ensures you deliver a program containing trusted, research-based content. Partner with our Custom Solutions experts to create student and teacher editions, intervention programs, or supplemental products—delivered as print, digital or both.

Work With Your Representative
With the help of our skilled custom product development team, Custom Solutions lets you build classroom texts, digital solutions, and integrated program alternatives. Get flexible, economical, and dynamic solutions to specifically work for your district school or classroom.

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"One of my greatest needs and desires has been fulfilled by the creation of a custom-bound Louisiana Fine Arts textbook. Not only does it cover the areas of fine arts textbook. Not only does it cover the areas of fine arts—it includes the connection of the arts to our everyday lives, and extends to architecture, photography, film and television, and video art. This comprehensive book is currently being used in classrooms across our Caddo district and around Louisiana.

Henry E. Price, Supervisor of Art, Caddo Parish Public Schools, Shreveport, LA"
Professional Learning Environment

Inspired, right from the start

Get instant access to resources for mastering your K–12 programs with the Professional Learning Environment (PLE). Its easy-to-use tools support professional learning and help teachers meet continuous improvement objectives.

The PLE is currently available via ConnectED for the following programs:

- McGraw-Hill Wonders
- McGraw-Hill My Math
- Glencoe Math
- iScience
- Number Worlds®
- High School Science
- Networks
- Additional professional development programs.

Program Mastery at Your Command

Each online portal leverages your investment in McGraw-Hill Education programs by:

- Ensuring your programs are implemented with fidelity
- Saving money and time on offsite training
- Reducing substitute teaching expenses
- Sustaining professional learning throughout the year
- Interactive modules and media-rich instructional resources promote comprehensive program knowledge.
- Discussion boards make it easy for teachers to collaborate and share within communities and across districts.
- Progress monitoring allows you to track program-specific professional development.
- Certificates of completion provide a pathway to gaining CEU credits.

Quick-Start Professional Development Online Courses

For back-to-school implementation

Quick-Start online courses deliver weekly video-based instruction to support your back-to-school implementation of McGraw-Hill Education programs. They provide:

- Sessions led by program experts
- Exposure to the tools and components teachers use during the first few weeks of program implementation
- A timely, well-organized way to get information

QuickStart online courses are part of your program’s Professional Learning Environment. You can access them through ConnectED.
LearnSmart® continually pinpoints knowledge gaps to measure and monitor student’s progress, helping students learn faster, study more efficiently, and retain content knowledge.

The friendly challenge format motivates learners, while continuously adapting to present students with content they are most ready to learn.

The LearnSmart® Reporting System offers teachers comprehensive review of each student’s developing content mastery. Educators can access a broader scope of reports for a specific class or across several classes.

The LearnSmart® Reporting System delivers:

- Comprehensive data for individual student mastery gains and gaps.
- Real-time data insights available anytime, anywhere.

LearnSmart® with SmartBook® — the McGraw-Hill adaptive ebook — further enhances students’ content recall. As students study, SmartBook® highlights core content that its user still needs to master. SmartBook® helps students identify concepts they need to spend additional time reviewing.
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Grades 6–8

Designed for today's tech-savvy middle school students, the McGraw-Hill Education iScience program offers a balance of hands-on investigations, rigorous science content and engaging, real-world applications to make science fun, exciting and stimulating.

Transition to the new science standards with a curriculum that promotes inquiry and real-world problem solving with phenomena, hands-on activities and Project Based Learning activities (PBLs).

iScience is your complete solution for meeting the standards and supporting student-led learning.

INSPIRE students with meaningful, relevant learning experiences

INQUIRE into the key concepts of science through our 5E lesson structure

INTERACT with exciting digital tools that encourage students to practice science

INVENT new solutions and build 21st century skills through new engineering/design activities

Resources

• LearnSmart® teaches adaptive and interactive strategies to help students learn faster and increase knowledge retention.

• Project-Based Learning Activities (PBLs) are embedded throughout the program, challenging your students to use the science they learn in class to solve real world problems.

• Science and Engineering Practices Handbook introduces field practices to students to support their scientific investigations and engineering projects.

• ConnectED Student Center engages students with interactive learning resources, assessments, communication tools and much more.

• ConnectED Teacher Center allows use of any device with an Internet connection to access your dashboard and increase your productivity with ready-made lessons and assessments, search features, a resource library and much more.

• ConnectED Mobile App allows you to update your classroom management anywhere at any time.

• eAssessment supports technology enhanced evaluations, online scoring and online reporting for digital and/or print distribution.

• Professional Development resources include timely, relevant information on new science standards, implementation methodologies and best practices, available 24/7.
Grades 9–11

Biology engages students with dynamic content, lab experiences and a rich array of resources to ensure students understand the big ideas of biology.

- Increases student understanding using a “backwards” lesson design that frames lessons using essential questions derived from the big ideas of biology.
- Builds 21st century skills through a variety of inquiry and problem-solving strategies while supporting the NGSS science and engineering practices.
- Supports personalized learning and differentiation with powerful new tools.
- informs instruction through ongoing assessment with eAssessment and LearnSmart.
- Encourages manageable inquiry with flexible and extensive lab options.

Resources

- ConnectED Student Center engages students with interactive learning resources, assessments, communication tools, and so much more.
- ConnectED Teacher Center allows the use of a broad range of devices with an Internet connection to access your dashboard and increase your productivity with ready-made lessons and assessments, search features, a resource library and much more.
- Science and Engineering Practices Handbook introduces practices to students that support their scientific investigations and engineering projects.
- Science Notebook is designed to provide meaningful interaction between the student and the big ideas of biology.
- Reading Essentials accommodates students with different reading levels to support the teaching of struggling readers.
- LearnSmart® is both adaptive and interactive to help students learn faster and increase their knowledge retention.
- ConnectED Mobile App provides 24/7 access to the ebook on your ipad or android tablet, allowing you to update your classroom management resources anywhere at any time.
- eAssessment supports many types of evaluations, including technology enhanced questions, online scoring and reporting for digital and/or print distribution.
- Professional Development resources are available 24/7, and include pertinent information on new science standards and the implementation of best practices.

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Grades 10–12

Attract, enlighten and engage your students with a program that helps them “bond” with chemistry.

- Offers a strong problem-solving strand with unique strategies and an enhanced “example problem” format that includes blue “coaching notes”
- Supports all your student differentiation needs with robust, built-in reading and math resources
- Provides highly interactive chemistry labs with virtual investigations
- Includes an exclusive tutorial guide with an online Personal Tutor for selected chemistry concepts on ConnectED
- Offers exclusive Dinah Zike Foldables, which provide a research-based method of organizing information for effective study and retention of content.

Resources
- ConnectED Student Center engages students with interactive learning resources, assessments, communication tools and so much more.
- ConnectED Teacher Center allows the use of a broad range of devices with an Internet connection to access your dashboard and increase your productivity with ready-made lessons and assessments, search features, a resource library and much more.
- Science and Engineering Practices Handbook introduces practices to students that support their scientific investigations and engineering projects.
- Science Notebook is designed to provide meaningful interaction between the student and the big ideas of chemistry.
- Problem Solving Handbook supports students with content review and additional problems and examples.
- LearnSmart® is both adaptive and interactive to help students learn faster and increase their knowledge retention.
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- eAssessment supports many types of evaluations, including technology enhanced questions, online scoring and reporting for digital and/or print distribution.
- Professional Development resources are available 24/7, and include pertinent information on new science standards and the implementation of best practices.
Grades 10–12

Physics balances a quantitative approach to physics concepts with easy-to-access content and real-world examples.

- Develops students’ confidence with solid content that is easy to understand
- Builds problem-solving skills with comprehensive math support and modeling
- Transforms your classroom with digital and multimedia resources

Resources

- ConnectED Student Center engages students with interactive learning resources, assessments, communication tools and so much more.
- ConnectED Teacher Center allows the use of a broad range of devices with an Internet connection to access your dashboard and increase your productivity with ready-made lessons and assessments, search features, a resource library and much more.
- Teacher Essentials gives you only what you need in print: answers and strategies for differentiation
- Science and Engineering Practices Handbook introduces practices to students that support their scientific investigations and engineering projects.
- LearnSmart® is both adaptive and interactive to help students learn faster and increase their knowledge retention.
- ConnectED Mobile App provides 24/7 access to the ebook on your ipad or android tablet, allowing you to update your classroom management resources anywhere at any time.
- eAssessment supports many types of evaluations, including technology enhanced questions, online scoring and reporting for digital and/or print distribution.
- Professional Development resources are available 24/7, and include pertinent information on new science standards and the implementation of best practices.
Grades 9–11

Glencoe Physical Science comes alive with engaging, relevant explorations geared toward building an in-depth understanding of the big ideas of the physical world.

- Provides meaningful interaction with the big ideas of physical science
- Builds 21st century skills through a variety of inquiry and problem-solving strategies while supporting the NGSS science and engineering practices
- Supports personalized learning and differentiation with powerful new tools
- Informs instruction through ongoing assessment with eAssessment and LearnSmart®
- Encourages manageable inquiry with flexible and extensive lab options

Resources

- ConnectED Student Center engages students with interactive learning resources, assessments, communication tools and so much more.
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23. Organic Compounds
24. New Materials Through Chemistry
GLENCOE PHYSICAL SCIENCE WITH EARTH SCIENCE

Grades 9–11

Glencoe Physical Science comes alive with engaging, relevant explorations geared toward building an in-depth understanding of the big ideas of the physical world.

- Provides meaningful interaction with the big ideas of physical science
- Builds 21st century skills through a variety of inquiry and problem-solving strategies while supporting the NGSS science and engineering practices
- Supports personalized learning and differentiation with powerful new tools
- Informs instruction through ongoing assessment with eAssessment and LearnSmart
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- Science Notebook is designed to provide meaningful interaction between the student and the big ideas of physical science.
- Reading Essentials accommodates students with different reading levels to support the teaching of struggling readers.
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- ConnectED Mobile App provides 24/7 access to the ebook on your ipad or android tablet, allowing you to update your classroom management resources anywhere at any time.
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30. Stars and Galaxies
Grades 9–12
Glencoe Earth Science brings alive the forces that shape the world and engages students with relevant text, dynamic visuals and intriguing labs written by active classroom teachers.

- Increases student understanding using a “backwards” lesson design that frames lessons using essential questions derived from the big ideas of earth science
- Builds 21st century skills through a variety of inquiry and problem-solving strategies while supporting the NGSS science and engineering practices
- Supports personalized learning and differentiation with powerful new tools
- Informs instruction through ongoing assessment with eAssessment and Learnsmart
- Encourages manageable inquiry with flexible and extensive lab options

Resources
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- Science Notebook is designed to provide meaningful interaction between the student and the big ideas of physical science.
- Reading Essentials accommodates students with different reading levels to support the teaching of struggling readers.
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- eAssessment supports many types of evaluations, including technology enhanced questions, online scoring and reporting for digital and/or print distribution.
- Professional Development resources are available 24/7, and include pertinent information on new science standards and the implementation of best practices.
This compelling conceptual presentation actively engages and excites students about chemistry.

- Explore Chemistry with a conceptual approach
- Receive strong visual literacy with Concepts in Motion animations

Resources

- **ConnectED Student Center** engages students with interactive learning resources, assessments, communication tools and so much more.
- **ConnectED Teacher Center** allows the use of a broad range of devices with an Internet connection to access your dashboard and increase your productivity with ready-made lessons and assessments, search features, a resource library and much more.
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- **eAssessment** supports many types of evaluations, including technology enhanced questions, online scoring and reporting for digital and/or print distribution.
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The McGraw-Hill AP® Advantage

McGraw-Hill has developed a suite of digital programs designed to overcome all AP student challenges with personalized support, ensuring success in the course and on the exam. This 3-step solution is called AP advantage, the world’s first and only integrated AP course mastery solution offering complete support from orientation day to exam day.

1. Get students ONboard™ for AP Success!

For Advanced Placement® Social Studies, Science, and ELA courses

Prepare students to be successful in their Advanced Placement course.

Acclimate your students to the rigor of their AP course on Day 1 and prepare them for continued success in college. Working towards college credit in high school is a significant benefit to students in AP classes, and one that requires a strong foundation to achieve. ONboard™ provides students that foundation with the necessary background knowledge and skills to master course content, and ultimately be more successful in the course and on the AP exam. Every element of ONboard has been created with a team of experienced AP teachers and experts, and features:

- Videos, Animations, & Interactivities to address different learning styles and keep students engaged.
- Check Points & Quizzes that offer immediate feedback to gauge student understanding.
- A Pre-Test and Comprehensive Final Assessment provide robust reporting that will show growth and help identify knowledge gaps.

2. Grade Less. Teach More. Engage Online.

Give your AP® students unparalleled online support as adaptive as they are.

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Connect™ represents the next generation of interactivity for AP, Honors, and Electives educators. Within the Connect™ site, teachers and students can interact with questions tied to the book, view powerful reports, and customize content to individual needs. More than a course management system, Connect™ is a pedagogical tool that can be used to address almost any learning objective of your courses—either in or out of the classroom. Students can complete their work online, where it is checked and placed in a grade book for teachers. Students can store class notes and other highlighted and bookmarked material, and teachers can create and manage assignments.

3. Study smarter, not harder!

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**HOLE’S HUMAN ANATOMY & PHYSIOLOGY**

**Ideal for a Comprehensive Anatomy & Physiology Course**

Hole’s Human Anatomy & Physiology is our most in-depth anatomy and physiology text and is best suited for a comprehensive Anatomy and Physiology course. The new fifteenth edition places an emphasis on the fundamentals and continues to provide technology that offers students and teachers an incredible course solution. The new edition includes:

- A new art program with brighter colors and enhanced 3D effects.
- A online Teacher Manual that includes student answers and ELL activities.
- A new Lab Manual with 34 hands-on activities designed to complement any Anatomy and Physiology course.
- Access to the online learning system that contains SmartBook™, an adaptive eBook.

**HOLE’S HUMAN ANATOMY & PHYSIOLOGY**

**Designed Specifically for your High School Classroom**

Hole’s Essentials of Human Anatomy & Physiology, High School Edition is the first of its kind, combining the high quality content that you’ve come to expect from Hole’s Essentials with a high-school specific design and additional content to help students succeed. This text is ideal for an introductory anatomy and physiology course. Activities in the high school edition allow students to apply science and engineering practices, work with real data, and provide support for ELL and ELA. This new program also includes:

- A NEW High School Teacher’s Manual with teaching strategies and pacing, group projects, classroom activities, and ELL and ELA support activities.
- Access to the online learning system that contains SmartBook™, an adaptive eBook.
- A NEW Lab Manual with 34 hands-on activities designed to complement any Anatomy and Physiology course.

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**New Edition January 2018**

Shier High School Edition © 2018

Shier Fifteenth Edition © 2019
A Traditional, Accessible Approach to AP Biology

Inquiry-based learning, full coverage of the College Board’s AP Curriculum Framework, and an engaging, easy to understand writing style provide students with the concise instruction, practice, and support they need to succeed in the AP Biology course. Mader’s Biology also offers:

- Big Ideas and science practices introduced in Chapter 1.
- AP Focus Review Guide workbook which helps students review and apply the AP essential content covered in each chapter.
- An AP Teacher Manual which provides teaching strategies, suggested activities, and labs.
- Connect® featuring SmartBook™, an adaptive eBook.

The Comprehensive Solution for AP Biology Success

Biology, a more comprehensive text, is fully aligned to the College Board AP Curriculum Framework and offers additional content coverage to enhance the teaching and learning experience. The Biology learning system uses dynamic tools and chapter designations to differentiate AP essential knowledge from AP extended knowledge providing focus on key concepts, and context for supporting materials. Authored by a team of field experts, this inquiry-based approach text features:

- Big ideas and science practices introduced in Chapter 1.
- A new Focus Review Guide workbook, which helps students review and apply the essential AP content covered in each chapter.
- An AP SmartBook™ focused on core content chapters and AP Biology Chapter Banks for practice answering AP-style questions.
INQUIRY INTO LIFE

Present Honors Biology from a Human Perspective

Inquiry into Life offers a unique approach to biology by explaining basic biological concepts and processes with a human emphasis, making biology relevant and understandable to students. Author Dr. Sylvia Mader’s teaching system motivates students to understand and appreciate the wonders of biology. Coupled with a modern digital approach, this traditional learning system is designed to both engage and encourage today’s student.

This edition offers:

• Connect® with auto-gradable and interactive assessment material tied to learning outcomes
• A SmartBook® adaptive eBook that creates a personalized reading experience for each student (available in Connect)

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HUMAN GENETICS: CONCEPTS AND APPLICATIONS

Explore the Science of Human Genetics

Illuminate the principles and concepts of the once obscure science of genetics with Human Genetics: Concepts and Applications. This new 12th edition is updated to reflect the evolution of genetics, presenting the study of genomic variation and heredity in organisms as the basis for medical science. Updated content empowers students with:

• Learning outcomes in each chapter that guide students through content mastery.
• The Big Picture which encapsulates the overall theme of each chapter.
• Captivating photography and vibrant, dimensional illustrations.
• SmartBook™, an adaptive eBook that personalizes reading content for each student.

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Ideal for a Marine Science course

Adapted from the highly successful and respected Marine Biology text by Peter Castro Ph.D. and Michael Huber Ph.D., Marine Science broadens its coverage with the addition of three new oceanography chapters to help students better understand the oceans’ physical aspects. This expanded content coupled with a stunning new design, learning system, updated features, data analysis labs, NEW lab manual, and comprehensive digital package make Marine Science the ideal fit for a marine science course.

- Connect with SmartBook®, Inquiry Activities, and Chapter Banks correlated to the Ocean Literacy Standards
- NEW Marine Science Lab Manual with 34 labs that do not require ocean access and are ideal for any classroom
- A robust Teacher’s Manual with a detailed pacing guide, chapter summaries, Key Question & Vocabulary Activities, and Chapter Projects

STERN’S INTRODUCTORY PLANT BIOLOGY

An Introduction to Botany

Stern’s Introductory Plant Biology assumes little prior scientific knowledge on the part of the student. Stern emphasizes current interests while presenting basic botanical principles. Students will be introduced to the new classification of plants and plant-related species, integration of biotechnology into several chapters and inclusion of new text boxes addressing ecology, evolution, and molecular biology.

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INTEGRATED PRINCIPLES OF ZOOLOGY

Hickman Seventeenth Edition © 2017

A Market Leader in Zoology

Emphasizing the central role of evolution in generating diversity, Integrated Principles of Zoology describes animal life and the fascinating adaptations that enable animals to inhabit so many ecological niches. Featuring high-quality illustrations and photographs set within an engaging narrative, Integrated Principles of Zoology is considered the standard by which other texts are measured. With its comprehensive coverage of biological and zoological principles, mechanisms of evolution, diversity, physiology, and ecology, this text is organized for easy access and is suitable as an introductory course.

This edition also includes:

• Connect with auto-gradable and interactive assessment material tied to learning outcomes.
• A SmartBook® adaptive eBook that creates a personalized reading experience for each student (available in Connect)

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ZOOLOGY

Miller Tenth Edition © 2016

Ideal for an Introductory Zoology Course

Zoology offers students an introductory text that is manageable in size and adaptable to a variety of course formats. Featured in the tenth edition are Learning Outcomes and Learning Outcomes Review questions. Learning Outcomes help students identify and focus on the major concepts of each chapter. Learning Outcomes Review questions conclude each major concept to reinforce critical concepts students have just studied and include critical thinking questions that assess their understanding of those concepts.

This edition offers:

• Connect with auto-gradable and interactive assessment material tied to learning outcomes
• A SmartBook®
• A lab manual correlated to the textbook for greater integration of labs into the course instruction

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A Conceptual Approach to AP Chemistry

Silberberg’s Chemistry provides a 100% aligned conceptual option for AP Chemistry. The text contains unprecedented macroscopic-to-microscopic molecular illustrations, consistent step-by-step worked exercises in every chapter, and an extensive range of end-of-chapter problems. With a solid integration of STEM related fields, this text also features:

- An updated AP Teacher Manual is available with this edition. It provides a pacing guide as well as activities and questions aligned to the curriculum.
- Updated AP Test Banks that have been expanded to help students succeed on the AP Chemistry exam.
- McGraw-Hill’s Connect® Chemistry incorporates new, exciting, and interactive tools – including LearnSmart and a SmartBook. Each chapter also has a bank of questions written and aligned to the new curriculum.

New Edition January 2018

A Traditional Approach to AP Chemistry

The straightforward, clear writing style and proven problem-solving strategies make Chang’s Chemistry a favorite of teachers and students. Chapter-opening Essential Questions guide students in pinpointing essential AP content, including the Big Ideas they will study in the chapter. Chemistry is 100% aligned to the AP framework and includes:

- A new AP Focus Review Guide workbook, which helps students review and apply the essential AP content covered in each chapter.
- An AP Teacher’s Manual that provides teaching strategies, suggested activities, and labs.
- An AP SmartBook™ adaptive eBook that creates a personalized reading experience for each student.

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A Comprehensive Solution for an Introductory Astronomy Course

The eighth edition of Explorations: An Introduction to Astronomy shares with students a sense of wonder about the universe and the dynamic, ever-changing science of astronomy. The text is approachable and uses analogies and examples from the world around us to help students understand more complex content. New to this eighth edition is an updated, visually exciting art package that enhances student learning with clear, accurate representations that reflect the most current data in the field.

This edition also offers:

• **Connect** with auto-gradable and interactive assessment material tied to learning outcomes
• A **SmartBook®** adaptive eBook that creates a personalized reading experience for each student (available in Connect®). 
• An **Online Lab Manual** that includes two activities per chapter with student worksheets and a Teacher Guide (available in Connect®).

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A Global View of Environmental Science for AP Students

Our NEW AP Edition of Environmental Science: A Global Concern continues to emphasize critical thinking, environmental responsibility, and global awareness, but now includes additional features that emphasize its AP focus. AP Connections on the chapter openers pinpoint the AP topics and key concepts covered in the chapter as well as the location of Skills and Practice to prepare for the AP Exam. Additionally, the AP-style chapter assessments include a vocabulary review, multiple choice questions, and free-response questions. This edition also features Data Analysis Lab and Use the Math features to prepare students for the mathematical requirements of the AP exam.

Environmental Science also includes:

• Data Analysis Lab and Use the Math features to prepare students for the mathematical requirements of the AP exam.
• An **AP Teacher’s Manual** that correlates each chapter to the APES Curriculum Framework as well as providing a pacing guide and useful activities.
• An **AP SmartBook™** adaptive eBook that creates a personalized reading experience for each student.

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