

SCIENCE

2020 | PreK–12 Catalog

Elementary
Middle School
High School
AP®/ Honors & Electives



ELEMENTARY SCHOOL SCIENCE

Inspire Science: Early Learners 2
 Inspire Science: Grades K–5 4

MIDDLE SCHOOL SCIENCE

Inspire Science: Integrated Course Model 15
 Inspire Science: Discipline Specific Course Model 17

HIGH SCHOOL SCIENCE

Inspire Biology 21
 Inspire Chemistry 23
 Inspire Physics 25
 Inspire Earth Science 27
 Inspire Physical Science 29
 Inspire Physical Science with Earth 31

AP[®], HONORS & ELECTIVES

Anatomy & Physiology 33
 AP Biology 34
 Electives Biology 35
 Zoology 36
 AP Chemistry 37
 AP Environmental Science 38
 Honors Environmental Science 38
 Astronomy 39

CUSTOM SOLUTIONS 40

CREATE 42

ONLINE PROFESSIONAL LEARNING 44

INTERNATIONAL OFFICES 46

ORDERING INFORMATION 47

Inspire Science

Explore Our Phenomenal World

Learning begins with curiosity. *Inspire Science* provides an in-depth, collaborative, and project-based learning experience designed to help you spark students' interest and empower them to ask more questions and think more critically. Through inquiry-based, hands-on investigations of real-world phenomena, your students will be able to construct explanations for scientific phenomena or design solutions for real-world problems.

Are you ready to bring science off the page and beyond the four walls of your classroom?



Inspire Curiosity

Spark critical thinking.



Inspire Investigation

Spark inquiry-driven, hands-on exploration.



Inspire Innovation

Spark creative solutions to real-world challenges.

100%
Built for the
Next Generation
Science Standards
(NGSS)

Go Online

Go to [inspire-science.com](https://www.inspire-science.com) for more information.

Inspire Science

Early Learners

**BRAND
NEW**

Inspire Science Early Learners brings PreK and Transitional Kindergarten (TK) to life with hands-on activities that build on the experiences and curiosity of students.

Social Emotional Learning

Each module and lesson include embedded strategies and reminders that instill Social Emotional Learning (SEL) skills, teaching early learners to share their materials, their ideas, and their feelings.

Superior Instructional Design

- Lessons and modules begin with investigating a phenomenon.
- Hands-on, real-world activities heighten student interest.
- Cross-curricular tasks help students explain what they've learned.
- Evaluate Modules engage students with STEM projects.
- Summative assessments measure student learning.
- Students revisit the module phenomenon in the Module Wrap-Up.
- Differentiated instruction meets the needs of all students.
- Formative assessments guide teacher instruction.

Pathways for PreK & Transitional Kindergarten

Learning Pathways provide differentiated instruction. Developmentally-appropriate lessons are scaffolded to address the needs of all learners. Guidance includes differentiation for activities, learning outcomes, and assessment.

Three-Year-Olds and Extra Support:

Provides open-ended opportunities for young students to explore their world and begin to develop scientific-thinking skills.

Transitional Kindergarten and Advanced Learners:

Builds on students' background knowledge, extends inquiry opportunities, and helps students apply scientific thinking skills. Developmentally-appropriate lessons are designed to prepare students for kindergarten NGSS.

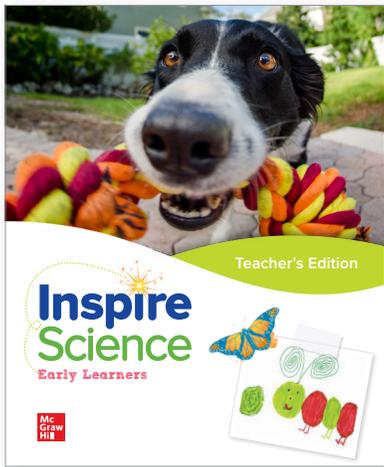
Social Emotional Learning and differentiated instruction inspire learning in every student.



SIENNA
NUTRITIONIST

Resources

Inspire Science Early Learners has everything you need for the PreK and TK classroom.



Teacher's Edition

Lesson plans and professional resources—all organized to ensure classroom success.

Teacher Print Edition 978-0-07-702427-7



Collaboration Kit

Hands-on activities that engage students by meeting their need to learn by manipulating materials.

Collaboration Kit 978-0-07-689129-0
 Collaboration Refill Kit 978-0-07-684508-8



Flip Chart

Provides visuals that communicate universally to all languages, introduce module and lesson concepts, and spark student dialogue.

Flip Chart 978-0-07-702430-7
 STEM Kids Coloring Book Set,
 30 Copies 978-0-07-683964-3



Teacher's Digital Center

A fully interactive online experience that contains all the teacher tools needed for a fun and successful PreK and TK classroom.

1-year subscription 978-0-07-691755-6
 6-year subscription 978-0-07-692565-0

Inspire Science

ELEMENTARY INSPIRE SCIENCE

Four Unit Student Editions per Grade

Inspire Science is designed to foster students' innate curiosity, elevate their critical thinking, facilitate hands-on investigation to deepen their understanding, and encourage creative problem-solving to inspire innovative thinking. The *Inspire Science* progressions within each grade establish a strong base of knowledge for the performance expectations the following years.

Inspire Science also offers science read alouds, leveled readers, investigator articles, collaboration kits, and a variety of digital resources to engage students in collaborative hands-on learning.





Four Consumable Units Per Grade

Inspire Science: Grade K © 2020

Student Materials

Print Student Editions	
4-Unit Print Bundle	978-0-07-700728-7
Unit 1	978-0-07-699562-2
Unit 2	978-0-07-699563-9
Unit 3	978-0-07-699609-4
Unit 4	978-0-07-699610-0
Digital Student Center	
1-year subscription	978-0-07-699721-3
6-year subscription	978-0-07-699400-7
Comprehensive Student Bundle	
1-year subscription	978-0-07-700452-1
6-year subscription	978-0-07-700441-5

Teacher Materials

Print Teacher Editions	
4-Unit Print Bundle	978-0-07-700722-5
Unit 1	978-0-07-699681-0
Unit 2	978-0-07-699682-7
Unit 3	978-0-07-699685-8
Unit 4	978-0-07-699686-5
Digital Teacher Center	
1-year subscription	978-0-07-700394-4
6-year subscription	978-0-07-699406-9

Ancillaries

Leveled Readers	
Class Set, 1 Each	978-0-07-688229-8
Library, 6 Each	978-0-07-688259-5
Read Aloud	
Class Set, 1 Each	978-0-07-688253-3

Science Kits

Collaboration Kit Bundle (contains all 4 units)	978-0-07-687373-9
Refill Kit Bundle (contains all 4 units)	978-0-07-703227-2

Spanish*

Print Spanish Student Edition	
4-Unit Print Bundle	978-0-07-684209-4
Unit 1	978-0-07-696419-2
Unit 2	978-0-07-696420-8
Unit 3	978-0-07-696424-6
Unit 4	978-0-07-696425-3

**For additional Spanish options please contact your Sales Representative.*



Four Consumable Units Per Grade

Inspire Science: Grade 1 © 2020

Student Materials

Print Student Editions

4-Unit Print Bundle	978-0-07-700729-4
Unit 1	978-0-07-699613-1
Unit 2	978-0-07-699614-8
Unit 3	978-0-07-699615-5
Unit 4	978-0-07-699618-6

Digital Student Center

1-year subscription	978-0-07-699722-0
6-year subscription	978-0-07-699401-4

Comprehensive Student Bundle

1-year subscription	978-0-07-700466-8
6-year subscription	978-0-07-700457-6

Teacher Materials

Print Teacher Editions

4-Unit Print Bundle	978-0-07-700723-2
Unit 1	978-0-07-687476-7
Unit 2	978-0-07-687477-4
Unit 3	978-0-07-687480-4
Unit 4	978-0-07-687481-1

Digital Teacher Center

1-year subscription	978-0-07-700395-1
6-year subscription	978-0-07-699407-6

Ancillaries

Leveled Readers

Class Set, 1 Each	978-0-07-688230-4
Library, 6 Each	978-0-07-688260-1

Read Aloud

Class Set, 1 Each	978-0-07-688255-7
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Science Kits

Collaboration Kit Bundle (contains all 4 units)	978-0-07-687374-6
Refill Kit Bundle (contains all 4 units)	978-0-07-703228-9

Spanish*

Print Spanish Student Edition

4-Unit Print Bundle	978-0-07-684210-0
Unit 1	978-0-07-696429-1
Unit 2	978-0-07-696525-0
Unit 3	978-0-07-696526-7
Unit 4	978-0-07-696530-4

**For additional Spanish options please contact your Sales Representative.*



Four Consumable Units Per Grade

Inspire Science: Grade 2 © 2020

Student Materials

Print Student Editions

4-Unit Print Bundle	978-0-07-700730-0
Unit 1	978-0-07-699619-3
Unit 2	978-0-07-699620-9
Unit 3	978-0-07-699622-3
Unit 4	978-0-07-699623-0

Digital Student Center

1-year subscription	978-0-07-699723-7
6-year subscription	978-0-07-699402-1

Comprehensive Student Bundle

1-year subscription	978-0-07-700480-4
6-year subscription	978-0-07-700471-2

Teacher Materials

Print Teacher Editions

4-Unit Print Bundle	978-0-07-700724-9
Unit 1	978-0-07-687530-6
Unit 2	978-0-07-687531-3
Unit 3	978-0-07-687533-7
Unit 4	978-0-07-687534-4

Digital Teacher Center

1-year subscription	978-0-07-700396-8
6-year subscription	978-0-07-699408-3

Ancillaries

Leveled Readers

Class Set, 1 Each	978-0-07-688233-5
Library, 6 Each	978-0-07-688261-8

Investigator

Investigator Magazine	978-0-07-684213-1
Investigator Set	978-0-07-687710-2

Science Kits

Collaboration Kit Bundle (contains all 4 units)	978-0-07-687375-3
Refill Kit Bundle (contains all 4 units)	978-0-07-703291-3

Spanish*

Print Spanish Student Edition

4-Unit Print Bundle	978-0-07-684214-8
Unit 1	978-0-07-696531-1
Unit 2	978-0-07-696535-9
Unit 3	978-0-07-696536-6
Unit 4	978-0-07-696540-3

**For additional Spanish options please contact your Sales Representative.*



Four Consumable Units Per Grade

Inspire Science: Grade 3 © 2020

Student Materials

Print Student Editions	
4-Unit Print Bundle	978-0-07-700731-7
Unit 1	978-0-07-699626-1
Unit 2	978-0-07-699627-8
Unit 3	978-0-07-699628-5
Unit 4	978-0-07-699631-5
Digital Student Center	
1-year subscription	978-0-07-700391-3
6-year subscription	978-0-07-699403-8
Comprehensive Student Bundle	
1-year subscription	978-0-07-700494-1
6-year subscription	978-0-07-700484-2

Teacher Materials

Print Teacher Editions	
4-Unit Print Bundle	978-0-07-700725-6
Unit 1	978-0-07-688306-6
Unit 2	978-0-07-688307-3
Unit 3	978-0-07-688309-7
Unit 4	978-0-07-688310-3
Digital Teacher Center	
1-year subscription	978-0-07-700397-5
6-year subscription	978-0-07-699409-0

Ancillaries

Leveled Readers	
Class Set, 1 Each	978-0-07-688234-2
Library, 6 Each	978-0-07-688264-9
Investigator	
Investigator Magazine	978-0-07-684216-2
Investigator Set	978-0-07-687711-9

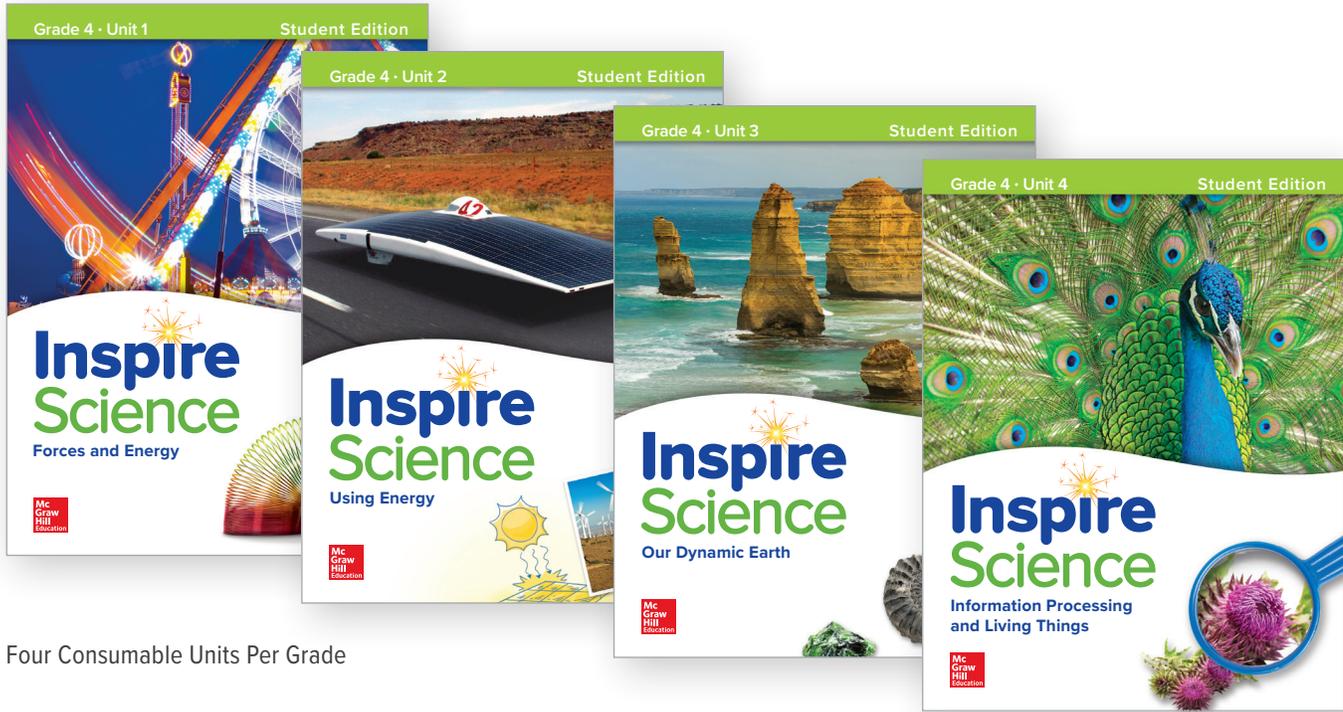
Science Kits

Collaboration Kit Bundle	
(contains all 4 units)	978-0-07-687376-0
Refill Kit Bundle	
(contains all 4 units)	978-0-07-703292-0

Spanish*

Print Spanish Student Edition	
4-Unit Print Bundle	978-0-07-684215-5
Unit 1	978-0-07-696543-4
Unit 2	978-0-07-696544-1
Unit 3	978-0-07-696548-9
Unit 4	978-0-07-696549-6

**For additional Spanish options please contact your Sales Representative.*



Four Consumable Units Per Grade

Inspire Science: Grade 4 © 2020

Student Materials

Print Student Editions	
4-Unit Print Bundle	978-0-07-700732-4
Unit 1	978-0-07-699632-2
Unit 2	978-0-07-699633-9
Unit 3	978-0-07-699636-0
Unit 4	978-0-07-699637-7
Digital Student Center	
1-year subscription	978-0-07-700392-0
6-year subscription	978-0-07-699404-5
Comprehensive Student Bundle	
1-year subscription	978-0-07-700560-3
6-year subscription	978-0-07-700500-9

Teacher Materials

Print Teacher Editions	
4-Unit Print Bundle	978-0-07-700726-3
Unit 1	978-0-07-688378-3
Unit 2	978-0-07-688379-0
Unit 3	978-0-07-688380-6
Unit 4	978-0-07-688381-3
Digital Teacher Center	
1-year subscription	978-0-07-700398-2
6-year subscription	978-0-07-699410-6

Ancillaries

Leveled Readers	
Class Set, 1 Each	978-0-07-688235-9
Library, 6 Each	978-0-07-688265-6
Investigator	
Investigator Magazine	978-0-07-684217-9
Investigator Set	978-0-07-687702-7

Science Kits

Collaboration Kit Bundle (contains all 4 units)	978-0-07-687377-7
Refill Kit Bundle (contains all 4 units)	978-0-07-703296-8

Spanish*

Print Spanish Student Edition	
4-Unit Print Bundle	978-0-07-684219-3
Unit 1	978-0-07-696553-3
Unit 2	978-0-07-696554-0
Unit 3	978-0-07-696558-8
Unit 4	978-0-07-696561-8

**For additional Spanish options please contact your Sales Representative.*



Four Consumable Units Per Grade

Inspire Science: Grade 5 © 2020

Student Materials

Print Student Editions	
4-Unit Print Bundle	978-0-07-700733-1
Unit 1	978-0-07-699674-2
Unit 2	978-0-07-699676-6
Unit 3	978-0-07-699677-3
Unit 4	978-0-07-699680-3
Digital Student Center	
1-year subscription	978-0-07-700393-7
6-year subscription	978-0-07-699405-2
Comprehensive Student Bundle	
1-year subscription	978-0-07-700568-9
6-year subscription	978-0-07-700563-4

Teacher Materials

Print Teacher Editions	
4-Unit Print Bundle	978-0-07-700727-0
Unit 1	978-0-07-688430-8
Unit 2	978-0-07-688333-2
Unit 3	978-0-07-688336-3
Unit 4	978-0-07-688337-0
Digital Teacher Center	
1-year subscription	978-0-07-700399-9
6-year subscription	978-0-07-699411-3

Ancillaries

Leveled Readers	
Class Set, 1 Each	978-0-07-688256-4
Library, 6 Each	978-0-07-688266-3
Investigator	
Investigator Magazine	978-0-07-684218-6
Investigator Set	978-0-07-687703-4

Science Kits

Collaboration Kit Bundle (contains all 4 units)	978-0-07-687378-4
Refill Kit Bundle (contains all 4 units)	978-0-07-703297-5

Spanish*

Print Spanish Student Edition	
4-Unit Print Bundle	978-0-07-684258-2
Unit 1	978-0-07-696562-5
Unit 2	978-0-07-696566-3
Unit 3	978-0-07-696571-7
Unit 4	978-0-07-696567-0

**For additional Spanish options please contact your Sales Representative.*



Inspire Science

ELEMENTARY ANCILLARIES

Inspire Science for grades K–5 is designed to spark your elementary students’ interest and empower them to ask more questions, think more critically, and generate innovative ideas. With the proven 5E instructional framework, *Inspire Science* provides an in-depth, collaborative, evidence based, and a project-based learning experience to place elementary science students on the path to career and college readiness.

Components for *Inspire Science* K–5 provide your students the help they need to succeed with *Inspire Science*.

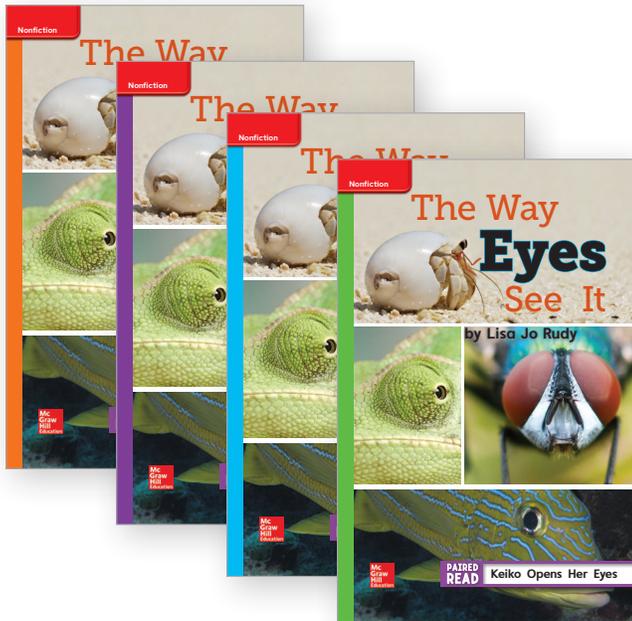
Science Read Alouds

Grades K–1

Introduce new science concepts and incorporate science with literacy using teacher read aloud books for your younger students. These books are perfect for a whole group or small group setting. Each book begins with a fictional story that piques student interest through an engaging story line. Informational text explains the science concepts that were introduced in the paired fictional story. There are two titles per module and the digital versions are great for whole class projection.

Grade K Read Aloud	
Class Set, 1 Each	978-0-07-688253-3
Grade 1 Read Aloud	
Class Set, 1 Each	978-0-07-688255-7

For Spanish options please contact your Sales Representative.



Leveled Readers

Grade K–5

Build literacy skills and science content knowledge simultaneously with interesting, informational text. There is one leveled reader title for every module. All leveled readers are available in approaching, on-level, beyond-level, ELL, and on-level Spanish*. Each reader includes text-dependent questions, vocabulary support, a fictional paired reading, and hands-on activities. The interactive versions of the leveled readers provide students with fun features like audio (including word-by-word highlighting), note-taking tools, and point-of-use vocabulary support.

Grade K Leveled Readers		
Class Set, 1 Each	978-0-07-688229-8)
Library, 6 Each	978-0-07-688259-5)
Grade 1 Leveled Readers		
Class Set, 1 Each	978-0-07-688230-4)
Library, 6 Each	978-0-07-688260-1)
Grade 2 Leveled Readers		
Class Set, 1 Each	978-0-07-688233-5)
Library, 6 Each	978-0-07-688261-8)
Grade 3 Leveled Readers		
Class Set, 1 Each	978-0-07-688234-2)
Library, 6 Each	978-0-07-688264-9)
Grade 4 Leveled Readers		
Class Set, 1 Each	978-0-07-688235-9)
Library, 6 Each	978-0-07-688265-6)
Grade 5 Leveled Readers		
Class Set, 1 Each	978-0-07-688256-4)
Library, 6 Each	978-0-07-688266-3)

For Spanish options please contact your Sales Representative.



Investigator Articles

Grades 2–5

Unleash student curiosity with real-world, *Inspire Science* Investigator articles. These informational text articles introduce students to real-world science and engineering and are packed with stunning imagery, dynamic graphs, tables, maps, and close reading questions that are sure to capture student interest and engage them in learning. Investigator articles are available in on-level, approaching-level (digital only), and Spanish* on-level.

Grade 2 Investigator	
Investigator Magazine	978-0-07-684213-1
Investigator Set	978-0-07-687710-2
Grade 3 Investigator	
Investigator Magazine	978-0-07-684216-2
Investigator Set	978-0-07-687711-9
Grade 4 Investigator	
Investigator Magazine	978-0-07-684217-9
Investigator Set	978-0-07-687702-7
Grade 5 Investigator	
Investigator Magazine	978-0-07-684218-6
Investigator Set	978-0-07-687703-4

For Spanish options please contact your Sales Representative.

SYNC  BLASTS™

Grades 6–12

Inspire Science



Connecting Science to Students' Lives

SyncBlasts™ provides reading and writing assignments that present science and current event topics relevant to students' lives and their world. Providing a variety of rich multimedia—including Preview Videos, links to Case Studies, Explainer Videos, and *The Point News Show*—*SyncBlasts* are a smart way to engage students. New reading and writing assignments are published weekly.

SyncBlasts challenge students to:

- Build vital research, writing, and critical thinking skills while providing an easy entry point for peer review.
- Develop informed opinions on high-interest topics of cultural significance.
- Express their opinions succinctly, in a familiar format.
- Participate in thoughtful discussions with an authentic audience of peers.

Supporting student curiosity and deep discussions, *SyncBlasts* include videos with peers modeling academic conversations about case studies, research and current events.

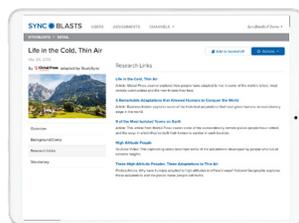
How It Works

Teachers visit content channels to select reading and writing assignments that inspire students to think critically about high interest topics.

Students explore a robust platform of multimedia content to learn about each topic and then complete assignments within our engaging social media-like platform.



PREVIEW VIDEOS



CASE STUDIES



EXPLAINER VIDEOS



THE POINT NEWS SHOW

LEARNSMART®

Grades 6–12

Inspire Science



LearnSmart®, It's Proven

At McGraw-Hill, we recognize that no two students are alike. Using revolutionary adaptive technology, *LearnSmart* builds a learning experience unique to each student's individual needs.

Effective study time makes every minute count

The secret is *SmartBook*®, the first and only adaptive reading experience designed to change the way students read and learn. As the student progresses, *SmartBook* highlights the most impactful concepts the student needs to learn. This ensures that every minute spent with *LearnSmart* + *SmartBook* is the most productive minute possible.

Engage students with a friendly challenge format.

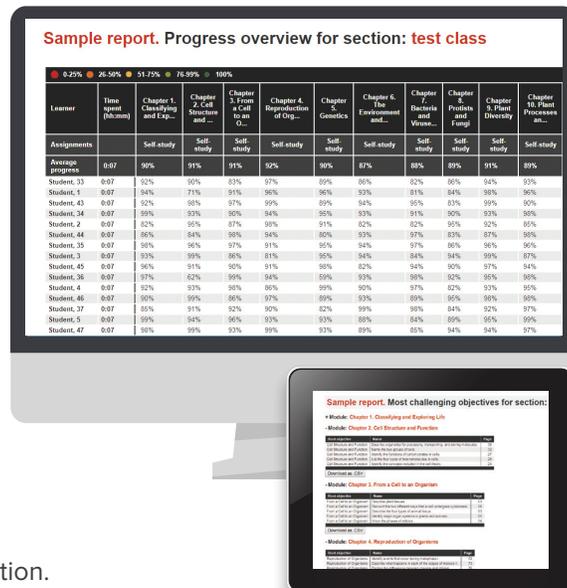
Friendly competition pulls learners in and adaptive technology ensures student progress. As the student answers questions, they're given a score that ranks them with their class. *LearnSmart* adjusts the information presented to each student based upon their strengths and weaknesses as well as their confidence in the material.

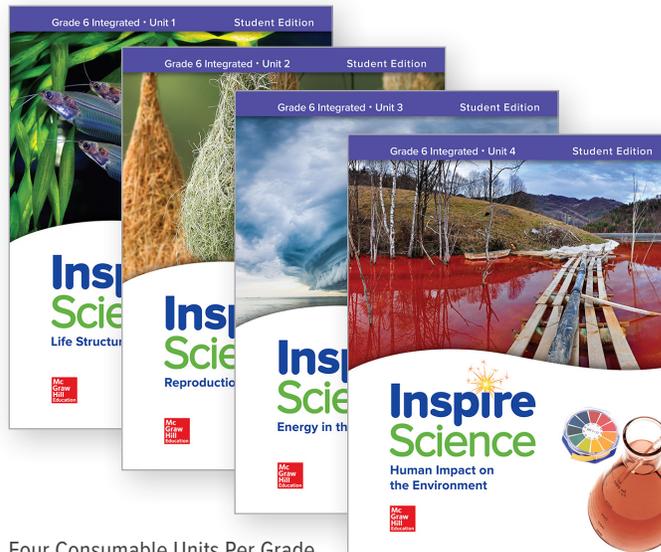
Easy-to-use lessons for you and your students

When *LearnSmart* detects content a student is most likely to forget, the student is presented the content for review to improve knowledge retention.

Efficient reporting tools help you maximize teaching time.

Real-time reporting tools allow teachers to use their time more efficiently because *LearnSmart* manages and tracks individual student progress or the progress of the whole class. Teachers can focus on what your students don't understand or still need to learn, rather than what they've already mastered. The end result? Students can better prioritize their time and come to class ready to participate.





Four Consumable Units Per Grade

Inspire Science

6–8 INTEGRATED
Four Unit Student Editions per Grade

Inspire Science 6–8 is built on the 5E instructional framework and integrates physics, chemistry, earth science, astronomy, and biology. Students will uncover preconceptions with formative assessment science probes. Cross-curricular connections are embedded throughout with quick and easy references to specific literacy, math, and engineering skills being reinforced through the science investigations.

Inspire Science: Integrated Grade 6 © 2020

Student Materials

Print Student Editions

4-Unit Print Bundle	978-0-07-687337-1
Unit 1	978-0-07-687330-2
Unit 2	978-0-07-687333-3
Unit 3	978-0-07-687334-0
Unit 4	978-0-07-687335-7

Digital Student Center

1-year subscription	978-0-07-678689-3
6-year subscription	978-0-07-687182-7

Comprehensive Student Bundle

1-year subscription	978-0-07-687449-1
6-year subscription	978-0-07-687452-1

Comprehensive Student Bundle with SyncBlasts

6-year subscription	978-0-07-701769-9
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Teacher Materials

Print Teacher Editions

4-Unit Print Bundle	978-0-07-687324-1
Unit 1	978-0-07-687186-5
Unit 2	978-0-07-687187-2
Unit 3	978-0-07-687188-9
Unit 4	978-0-07-687323-4

Digital Teacher Center

1-year subscription	978-0-07-687325-8
6-year subscription	978-0-07-687328-9

Science Kits

Collaboration Kit Bundle

(contains all 4 units)	978-0-07-687216-9
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Refill Kit Bundle

(contains all 4 units)	978-0-07-694538-2
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Spanish*

Print Spanish Student Editions

4-Unit Print Bundle	978-0-07-6987696
Unit 1	978-0-07-698765-8
Unit 2	978-0-07-698766-5
Unit 3	978-0-07-698767-2
Unit 4	978-0-07-698768-9

*For additional Spanish options please contact your Sales Representative.



Four Consumable Units Per Grade

Inspire Science: Integrated Grade 7 © 2020

Student Materials

Print Student Editions

Student Edition 4-Unit Print Bundle	978-0-07-687459-0
Unit 1	978-0-07-687453-8
Unit 2	978-0-07-687454-5
Unit 3	978-0-07-687457-6
Unit 4	978-0-07-687458-3

Digital Student Center

1-year subscription	978-0-07-671738-5
6-year subscription	978-0-07-687472-9

Comprehensive Student Bundle

1-year subscription	978-0-07-687542-9
6-year subscription	978-0-07-687543-6

Comprehensive Student Bundle with SyncBlasts

6-year subscription	978-0-07-701797-2
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Teacher Materials

Print Teacher Editions

4-Unit Print Bundle	978-0-07-687482-8
Unit 1	978-0-07-687476-7
Unit 2	978-0-07-687477-4
Unit 3	978-0-07-687480-4
Unit 4	978-0-07-687481-1

Digital Teacher Center

1-year subscription	978-0-07-687484-2
6-year subscription	978-0-07-687485-9

Science Kits

Collaboration Kit Bundle

(contains all 4 units)	978-0-07-687217-6
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Refill Kit Bundle

(contains all 4 units)	978-0-07-694551-1
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Spanish*

Print Spanish Student Editions

4-Unit Print Bundle	978-0-07-698794-8
Unit 1	978-0-07-698830-3
Unit 2	978-0-07-698831-0
Unit 3	978-0-07-698833-4
Unit 4	978-0-07-698837-2

*For additional Spanish options please contact your Sales Representative.



Four Consumable Units Per Grade

Inspire Science: Integrated Grade 8 © 2020

Student Materials

Print Student Editions

4-Unit Print Bundle	978-0-07-687520-7
Unit 1	978-0-07-687489-7
Unit 2	978-0-07-687490-3
Unit 3	978-0-07-687493-4
Unit 4	978-0-07-687532-0

Digital Student Center

1-year subscription	978-0-07-687526-9
6-year subscription	978-0-07-687528-3

Comprehensive Student Bundle

1-year subscription	978-0-07-687549-8
6-year subscription	978-0-07-687550-4

Comprehensive Student Bundle with SyncBlasts

6-year subscription	978-0-07-701826-9
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Teacher Materials

Print Teacher Editions

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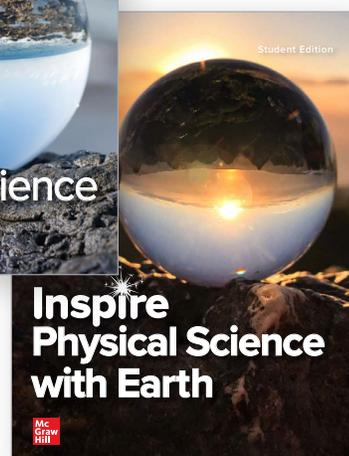
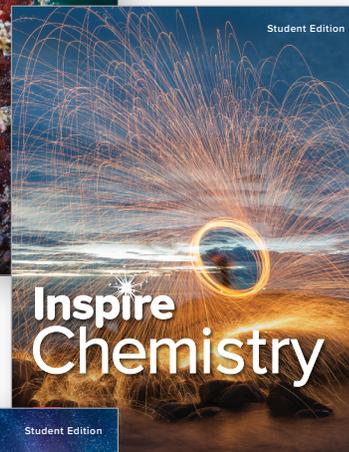
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The *Inspire Science* High School series is thoughtfully designed to support students in the three dimensions of the NGSS— science and engineering practices, disciplinary core ideas, and crosscutting concepts. Learning progressions are specifically designed to build on previously-acquired knowledge and skills. Unit projects focus on real- world phenomena and engage students in science investigations and engineering solutions designed to meet performance expectations. The modules within each unit bundle additional investigations and projects that support acquisition of the knowledge and skills to meet additional performance expectations and prepare for the unit project.

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Inspire Biology

High School

Inspire Biology © 2020 provides an in-depth, collaborative, and project-based learning experiencing focused on the science of biology.

The program covers ecology, cell biology, genetics, the history of biological diversity, the diversity of life, and the human body, as well as cross-curricular earth science topics. Through inquiry-based and hands-on investigations of real-world phenomenon, students will construct explanations for scientific phenomenon and design solutions for real-world problems.

Resources

- **Student Center** engages students with interactive learning resources, assessments, communication tools, and so much more.
- **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.
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Unit 2: The Cell

- Module 6: **Chemistry in Biology**
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- Module 10: **Introduction to Genetics and Patterns of Inheritance**
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- Module 13: **The History of Life**
- Module 14: **Evolution**
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Unit 5: Diversity of Life

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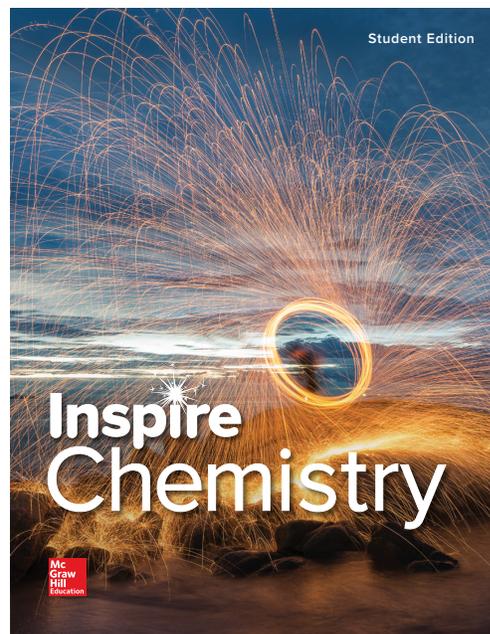
High School

Inspire Chemistry © 2020 provides an in-depth, collaborative, and project-based learning experiencing focused on the science of chemistry.

The program covers structure and properties of matter, chemical bonding and reactions, matter, energy, and equilibrium, and organic and nuclear chemistry, as well as cross-curricular earth science topics. Through inquiry-based and hands-on investigations of real-world phenomenon, students will construct explanations for scientific phenomenon and design solutions for real-world problems.

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Inspire Physics

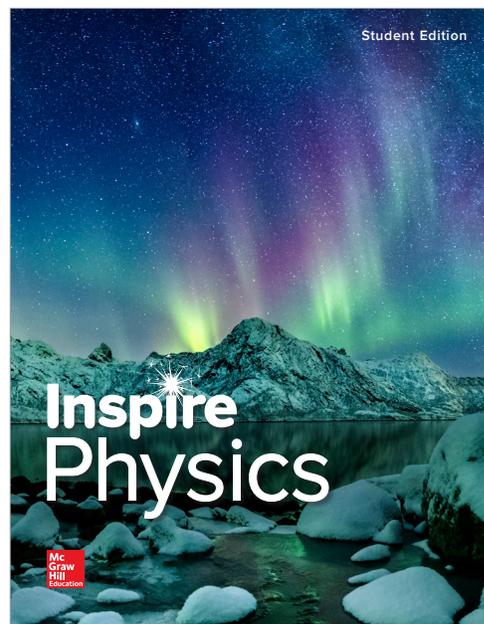
High School

Inspire Physics © 2020 provides an in-depth, collaborative, and project-based learning experiencing focused on the science of physics.

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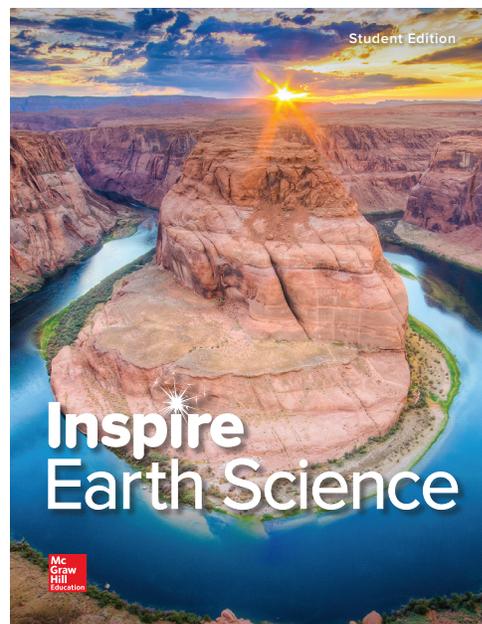
High School

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TABLE OF CONTENTS

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High School

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Including meaningful interactions with the big ideas of physical science, 21st century skills through a variety of inquiry and problem-solving strategies, and personalized learning and differentiation with powerful new tools including *LearnSmart*®

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High School

Inspire Physical Science with Earth © 2020 comes alive with engaging, relevant explorations geared toward building an in-depth understanding of the big ideas of the physical world.

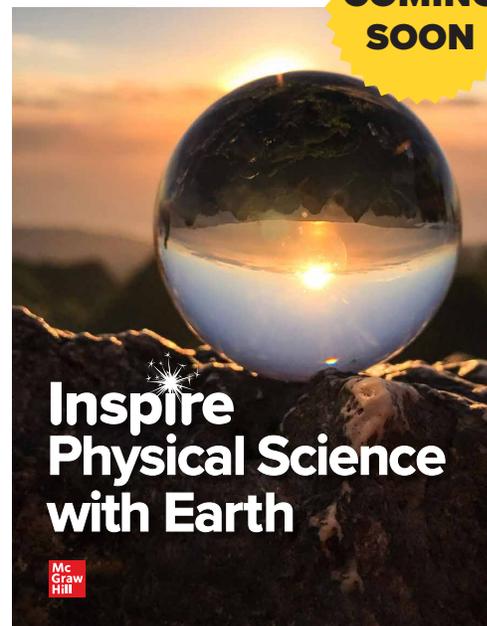
Inspire Physical Science with Earth integrates a comprehensive coverage of physics and chemistry with mathematics through accessible text, engaging features, and a variety of hands-on experiences.

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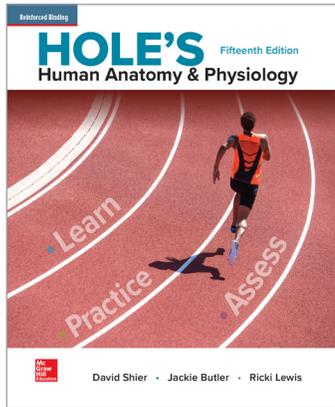
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TABLE OF CONTENTS

Module 1: **The Nature of Science****Unit 1: Motion and Forces**Module 2: **Motion**Module 3: **Forces and Newton's Laws****Unit 2: Energy**Module 4: **Work and Energy**Module 5: **Thermal Energy**Module 6: **Electricity**Module 7: **Magnetism and Its Uses**Module 8: **Energy Sources and the Environment****Unit 3: Waves**Module 9: **Introduction to Waves**Module 10: **Sound**Module 11: **Electromagnetic Waves**Module 12: **Light**Module 13: **Mirrors and Lenses****Unit 4: Matter**Module 14: **Solids, Liquids, and Gases**Module 15: **Classification of Matter**Module 16: **Properties of Atoms and the Periodic Table**Module 17: **Elements and Their Properties****Unit 5: Reactions**Module 18: **Chemical Bonds**Module 19: **Chemical Reactions**Module 20: **Radioactivity and Nuclear Reactions****Unit 6: Applications of Chemistry**Module 21: **Solutions**Module 22: **Acids, Bases, and Salts**Module 23: **Organic Compounds**Module 24: **New Materials Through Chemistry****Unit 7: Earth**Module 25: **Earth's Internal Processes**Module 26: **Earth Materials**Module 27: **Earth's Changing Surface**Module 28: **Weather and Climate****Unit 8: Space**Module 29: **The Earth-Moon-Sun System**Module 30: **The Solar System**Module 31: **Stars and Galaxies**

Anatomy & Physiology

Hole's Human Anatomy & Physiology
Fifteenth Edition © 2019
Shier



Ideal for a Comprehensive Anatomy & Physiology Course

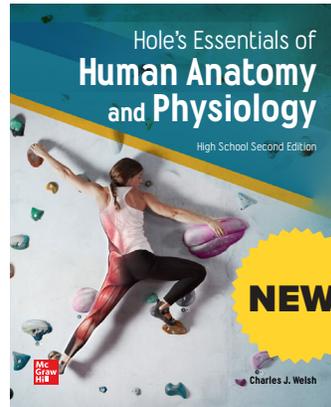
Hole's Human Anatomy & Physiology is our most in-depth anatomy and physiology text and is best suited for a comprehensive Anatomy and Physiology course. The new fifteenth edition places an emphasis on the fundamentals and continues to provide technology that offers students and teachers an incredible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

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Hole's Essentials of Human Anatomy & Physiology
High School Edition, Second Edition © 2021
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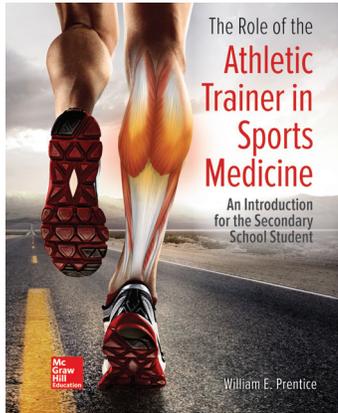
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First Edition © 2017
Prentice



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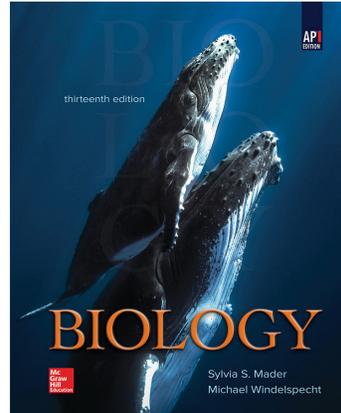
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AP® Biology

Biology
Thirteenth Edition © 2019
Mader



A Traditional, Accessible Approach to AP Biology

Inquiry-based learning, updated digital resources aligned to the new course 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:

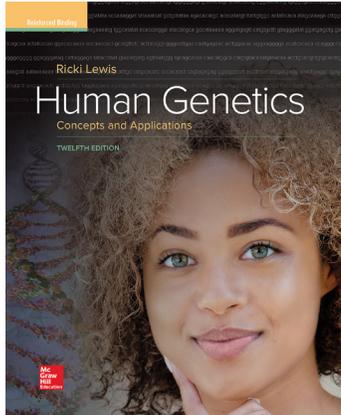
- Updated AP correlations, eBook and Test Bank correlations available with the digital resources.
- AP Focus Review Guide workbook which helps students review and apply the AP essential content covered in each chapter.
- An updated, online AP Teacher Manual which provides teaching strategies, suggested activities, and labs.
- *SmartBook*® adaptive eBook.

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Electives Biology

Human Genetics: Concepts and Applications
Twelfth Edition © 2018
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Explore the Science of Human Genetics

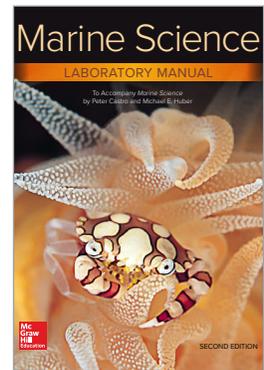
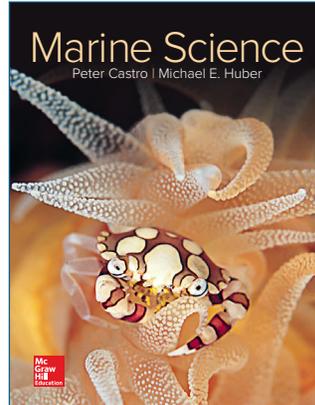
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Marine Science
Second Edition © 2019
Castro • Huber



An Interconnected, Global Perspective of the World Ocean

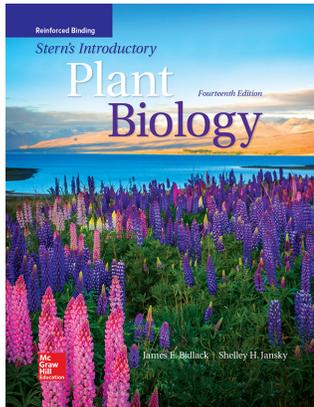
The first edition of *Marine Science* became an instant beloved text with its full coverage of oceanography, stunning design, student-friendly learning system, and data analysis labs. Now in its second edition, the program further expands its coverage through chapter-level NGSS integration, more robust chapter reviews, additional unit projects, and ELL support. Students' and Teachers' Favorite Features Include:

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Stern's Introductory Plant Biology
 Fourteenth Edition © 2018
 Bidlack



An Introduction to Botany

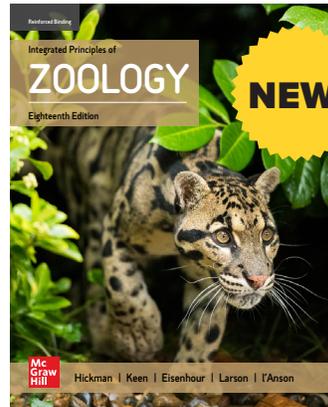
Stern's Introductory Plant Biology assumes little prior scientific knowledge on the part of the student. Stern emphasizes current interests while presenting basic botanical principles. Students will be introduced to the new classification of plants and plant-related species, integration of biotechnology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

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Zoology

Integrated Principles of Zoology
 Eighteenth Edition © 2020
 Hickman



The Gold Standard for a Full Year Course

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.

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Zoology

Eleventh Edition © 2019
Miller



Ideal for a One-Semester, Introductory Course

Zoology emphasizes ecological and evolutionary concepts and helps students understand the process of science through elements of chapter organization and boxed readings.

Integrated throughout, features including Evolutionary Insights provide insight to how evolutionary biology works, and the Wildlife Alerts feature that presents the ecological perspective depicting the plight of animals and how the ecosystem relates to preserving animal species.

This edition offers:

- *Zoology* includes access to robust digital resources for teachers and students, including:
- Online Instructor's Manual including chapter outlines, teaching suggestions, and ideas for lecture enrichment and customizable PowerPoints.
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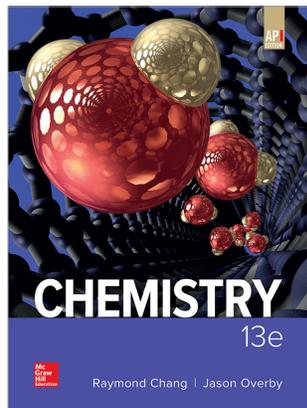
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AP® Chemistry

Chemistry

Thirteenth Edition © 2019
Chang



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. Updated digital resources aligned to the new course Framework include:

- Updated AP correlations at both the course and chapter levels.
- Updated eBook and Test Bank correlations
- An AP Teacher's Manual that provides teaching strategies, suggested activities, and labs.

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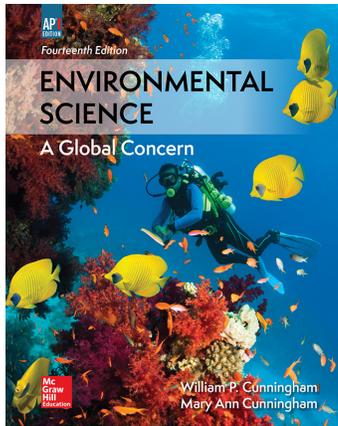
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AP® Environmental Science

Environmental Science: A Global Concern, AP Edition

Fourteenth Edition © 2018
Cunningham



A Global View of Environmental Science for AP Students

Environmental Science: A Global Concern continues to emphasize critical thinking, environmental responsibility, and global awareness. 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 Practices to prepare for the AP Exam. The AP-style chapter assessments include a vocabulary review, multiple choice questions, and free-response questions.

- Updated AP correlations aligned to the new Framework are available at the course and chapter levels.
- Updated eBook and Test Bank correlations are including with the digital resources
- Data Analysis Lab and Use the Math features to prepare students for the mathematical requirements of the AP exam.
- An updated, digital AP Teacher Manual correlates each chapter to the new Framework and includes a pacing guide and enrichment activities.

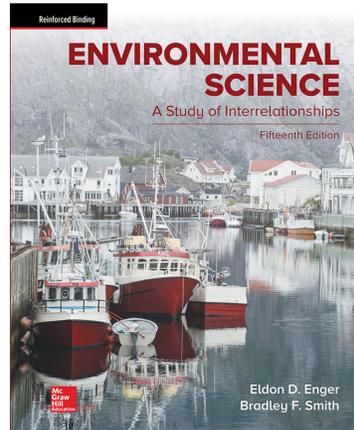
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Honors Environmental Science

Environmental Science: A Study of Interrelationships

Fifteenth Edition © 2019
Enger • Smith



A Concise and Conceptual View of Environmental Science for Honors Courses

Environmental Science: A Study of Interrelationships, a full-color, introductory environmental science text is known for being concise and conceptual. The approach and reading level cover the basic concepts without overloading students with too much detail. Also available with *Environmental Science* is an online learning system that contains *SmartBook*®, an adaptive eBook built on the *LearnSmart*® engine.

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Astronomy

Explorations: Introduction to Astronomy

Ninth Edition © 2020

Army



A Comprehensive Solution for an Introductory Astronomy Course

The ninth edition retains its approachability and use of analogies and examples from the world around us to help students understand more complex content. This new edition includes the latest results and analysis of exoplanets that continue to change our views about planets and planetary systems. Coverage of fascinating new discoveries such as the interstellar asteroid 'Oumuamua, gravitational waves from merging black holes, and neutron stars by LIGO ensure the learning is both exciting and current.

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- An Online Lab Manual that includes two activities per chapter with student worksheets and a Teacher Guide.

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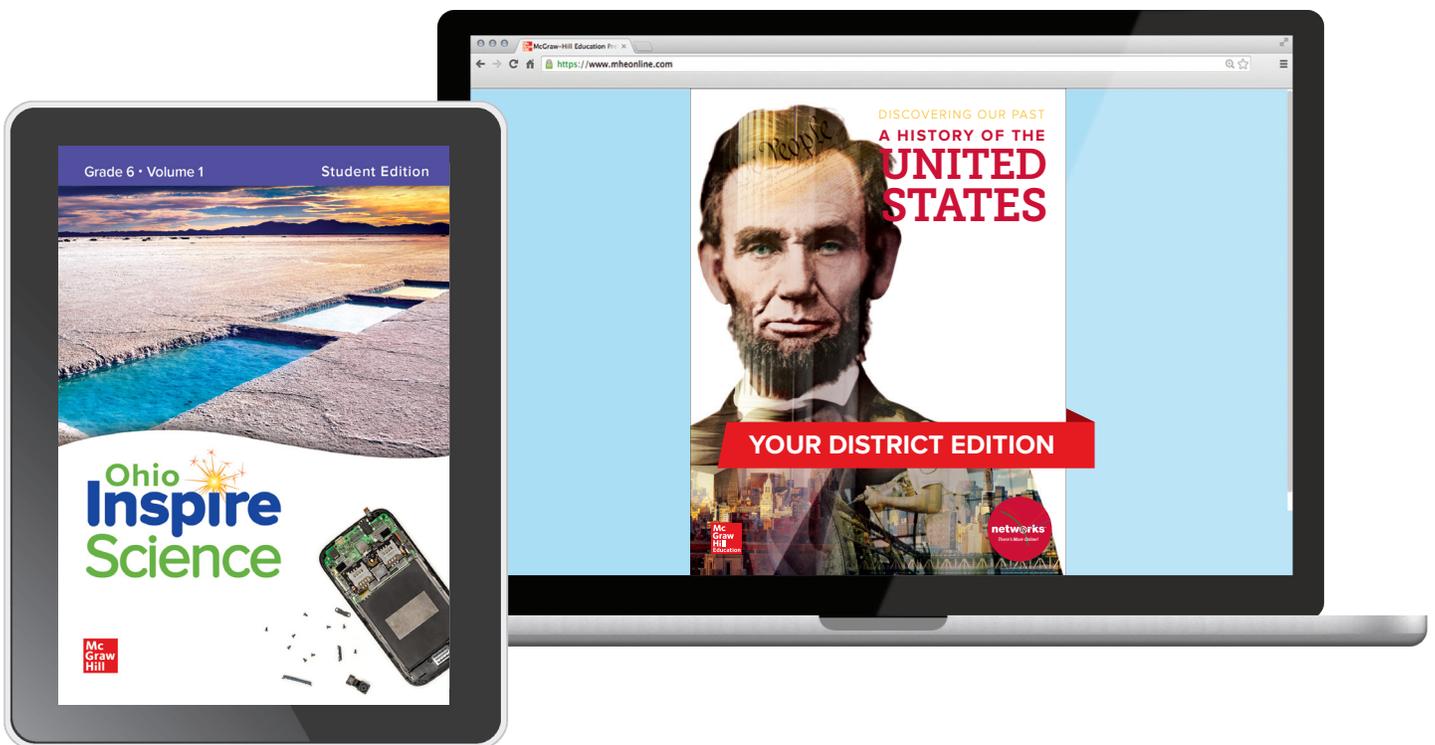


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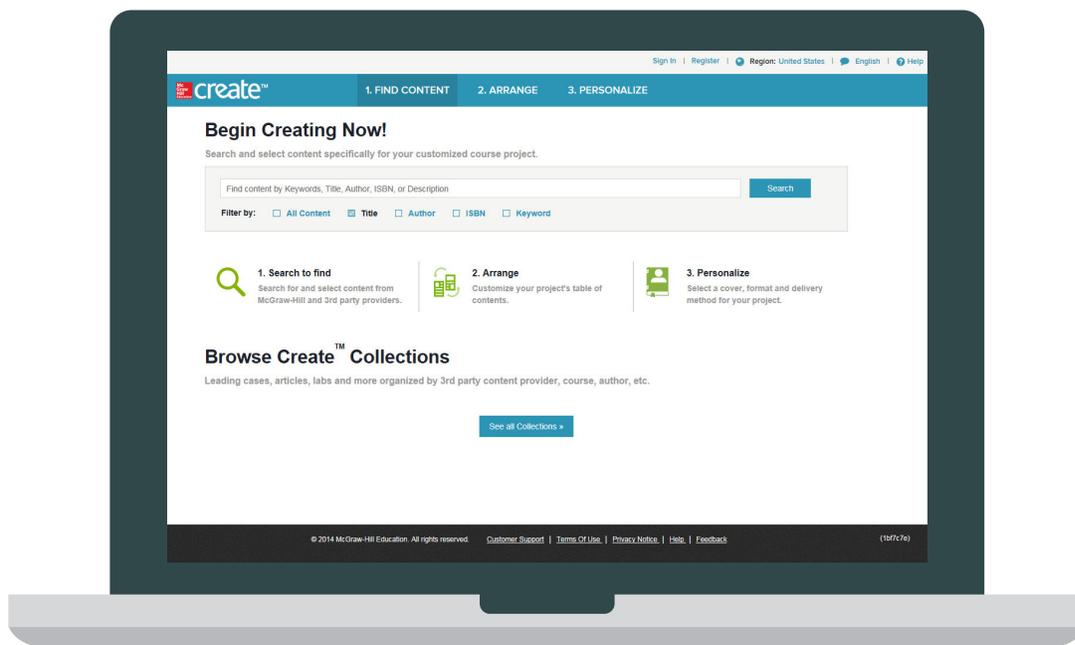
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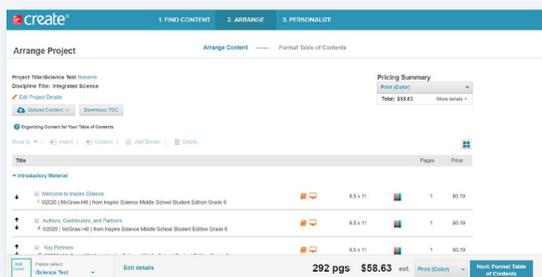
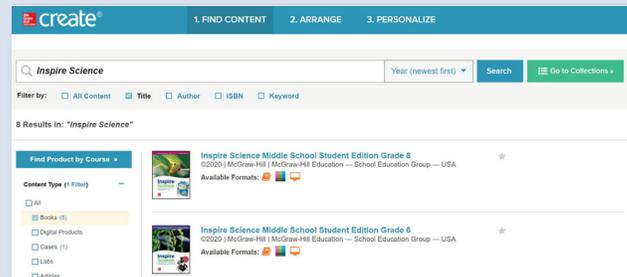
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- **Quick Start eLearning Courses** provide program basics to help you get started quickly.
- **Deep-Dive eLearning Courses** provide all you need to learn to fully implement your new program with fidelity.



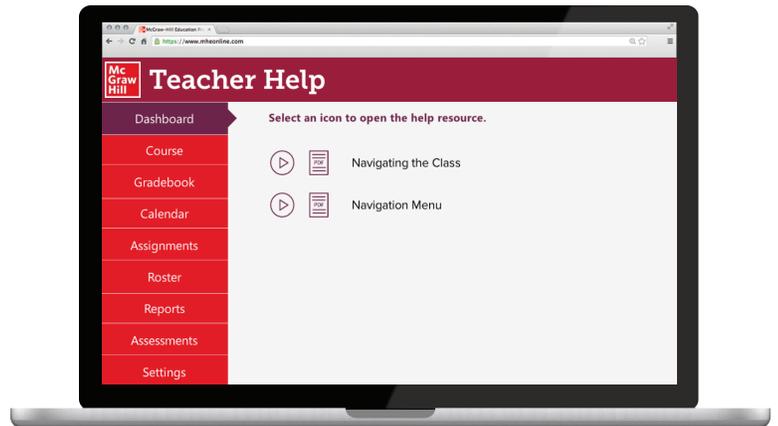
Online Professional Learning is included with your program's digital resources.

ONLINE PROFESSIONAL LEARNING SUPPORT

Digital Platform Support

Digital support helps you feel confident planning, teaching, and assessing with the digital tools in your program.

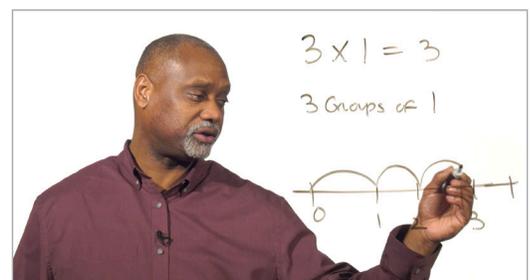
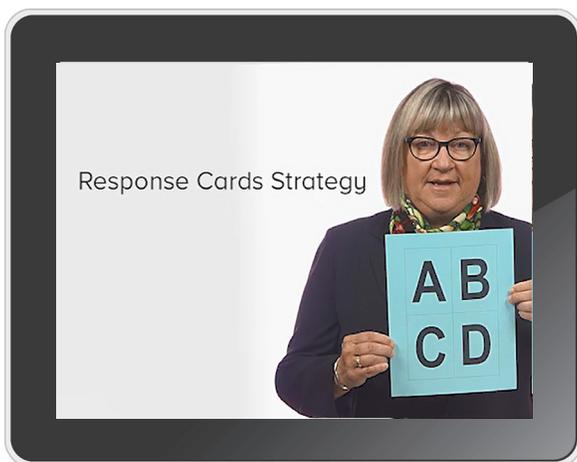
- **Digital Walkthrough Videos** provide an orientation to the resources available in your digital program.
- **Teacher Help** provides step-by-step instructions for your digital tools.



Ongoing Pedagogy Support

Pedagogy and content support resources allow you to choose what you want to learn when you want to learn it.

- **Instructional Coaching Videos** are embedded at the point of use to provide next-practice strategies.
- **Interviews with Experts** provide the “why” behind best practices.
- **Classroom Videos** show and model the teaching of strategies and lessons.
- **eLearning Courses** offer flexibility for self-paced, small-group, or workshop learning with online and facilitator-led options.



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