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Grades 7-12

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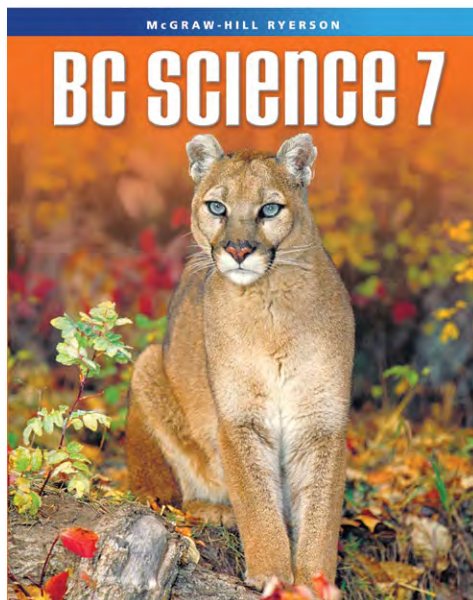
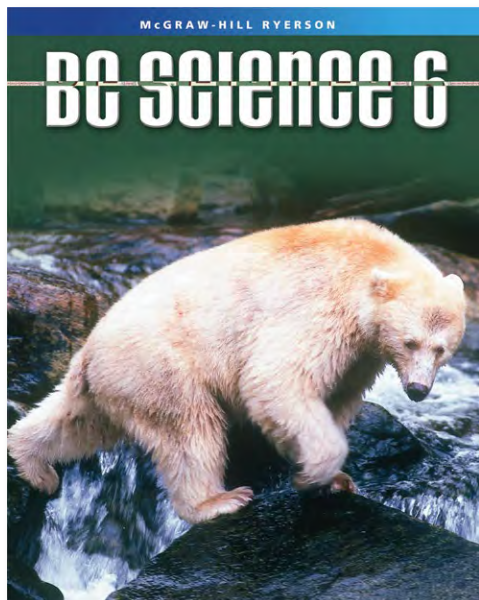
AVAILABLE FOR THE FOLLOWING TITLES

- | | | |
|---------------------------------|-------------------------------------|--------------------------|
| • BC Science: Connections 8 / 9 | • Biology 11, College Preparation | • Environmental Science |
| • BC Biology 12 | • Chemistry 11/12 | • Manitoba Science 10 |
| • Biology 11/12 | • Chemistry 12, College Preparation | • Nova Scotia Science 10 |

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BC Science 6 and 7

• BC Science 6: Adrienne Mason, Karen Charleson, Darcy Dobell, Eric Grace; Contributing Authors: Karen Walsh, Tara Shepherd, Judy Gadicke
 • © 2005 • BC Science 7: Adrienne Mason, Karen Charleson, Eric Grace, Jacque Martin; Senior Pedagogical Consultant: Sandy Wohl;
 Resource Development Consultants: Herb Johnston, Dr. Doug Roberts • © 2004



BC Science 6

Student Text (Print)	
9780070959002	\$83.24
Teacher's Resource with CD-ROM	
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BC Science 7

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Provides solid science process skills reinforcement, engaging text and visuals, and a wide choice of easy-to-do hands-on activities.

→ STUDENT EDITION

- Labs and activities featuring inexpensive, easy-to-obtain materials are suited to both elementary and middle school classrooms with photographs, locations, examples, role models, and careers specific to BC.

→ STUDENT WORKBOOK

- Modified activities, enrichment and extension, additional vocabulary practice, science process skills, support for reading comprehension

→ TEACHER'S RESOURCE (PRINT, CD-ROM)

- Planning ideas, teaching strategies, classroom management tips, common misconceptions, cross-curricular integration, and support for assessment and evaluation with strategies to address diverse student needs.

BC Science 8 and 9: Connections

• Chau, Britton, Poon, et al • © 2016



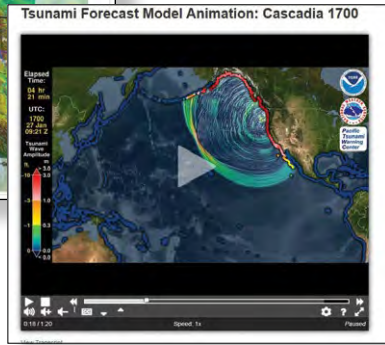
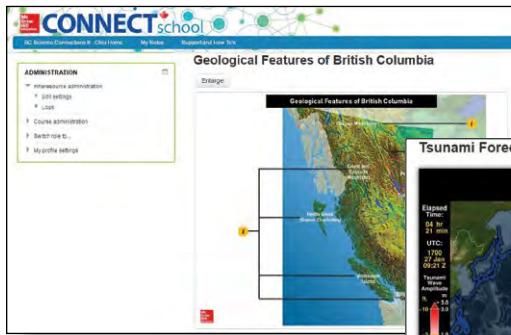
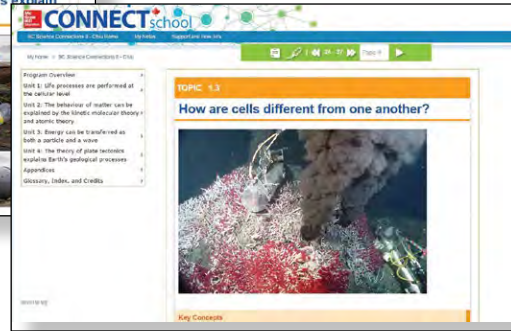
Inspire – all new curriculum-aligned resources that engage students with dynamic content, numerous activities, and a rich array of digital resources ensure students gain an understanding of the big ideas and connect science to the world around them

Inquire – new activities and labs developed and tested by BC teachers in the classroom offer a wide variety of problem-based and inquiry options from directed, guided and open to meet each students needs

Connect – BC Science: Connections is written by the team of BC educators you’ve come to trust. Their years of classroom experience, work implementing the new curriculum, and active support through on-going BC Science Institutes will help you to gain timely implementation strategies, new ideas, better understand the new curriculum and access teacher best practices.

BC Science: Connections provides:

- Support for place-based learning and integrates First People’s ways of knowing into your science classroom
- Builds students confidence with solid science content that is easy to understand and provides the background necessary to personalized inquiry
- Engages students with relevant science content, dynamic visuals and intriguing labs
- Develops and supports scientific literacy engages students with dynamic content, lab experiences and a rich array of resources to ensure students understand the big ideas



CONNECTschool for both students and teachers



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Student Edition (Print) 9781259650680	\$67.95
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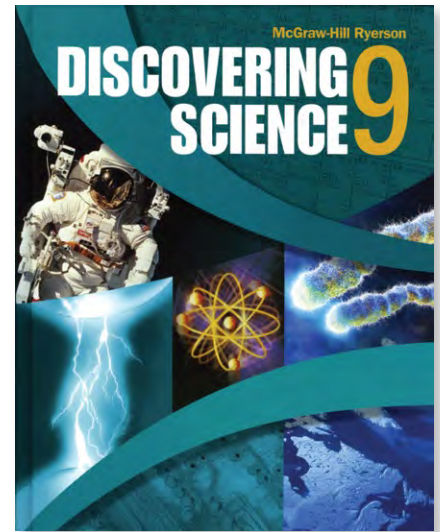
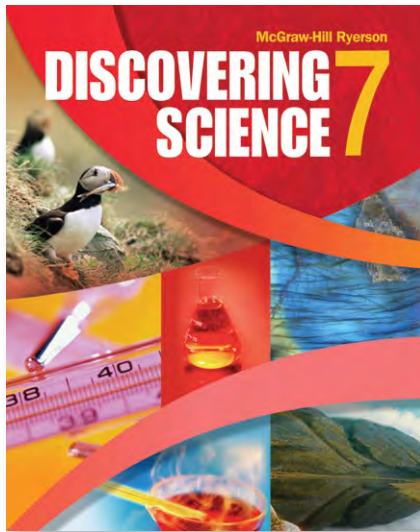
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For pricing and order information on our previous edition of BC Science 8, 9, 10 please refer to page 40.

Discovering Science 7, 8, and 9

Authors: Tricia Armstrong, Jonathan Bocknek, Lois Edwards, Eric Grace, Reviewers: James Butler, Jennifer Clarke, Cheryl Donovan-White, Sheldon Gillam, Musgrave Harbour • © 2008-2009



Discovering Science 7

Student Text	
9780070726024	\$92.50
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Student Text	
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Teacher's Resource with CD-ROM	
9780070724136	\$382.71

Discovering Science 9

Student Text	
9780070723634	\$92.50
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9780070724129	\$414.16

The Discovering Science 7–9 series has been developed specifically to align 100% with the Newfoundland and Labrador curriculum.

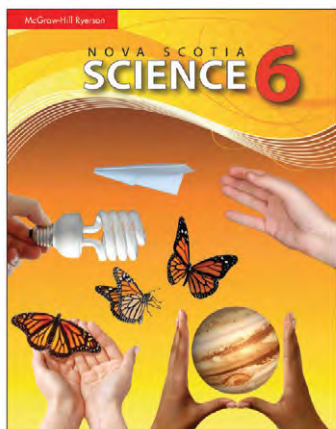
→ STUDENT EDITION (PRINT)

- Provides solid science process skills reinforcement
- Engaging text and visuals
- A wide choice of easy-to-do, hands-on activities to meet the needs of every learner
- Features photographs, locations, examples, role models, and careers

→ TEACHER'S RESOURCE (PRINT, CD-ROM) digital

- Offers planning ideas, teaching strategies, troubleshooting hints, classroom management tips, science background for the non-specialist teacher, advice on how to handle common misconceptions, ideas on cross-curricular integration, and extensive support for assessment and evaluation.
- Strategies for addressing diverse student needs are outlined, along with support for struggling readers.

Nova Scotia Science 6



Student Text 9780070988507	\$68.05
Teacher Resource (Print and CD-ROM) 9780070988569	\$378.39

Development Team: Authors: Jon Bocknek, Jennifer Burnell, Barry Edgar, Julie Karner, Adrienne Mason, Dr. Thomas Stiff, Christine Weber Contributing Authors: Darcy Dobell, Judy Gadick; Eric Grace, Tara Shepherd; Karen Walsh, MaryKay Winter.
Consultant: Dr. Douglas A. Roberts • © 2008

Nova Scotia Science 6 is written to support all of the requirements of Nova Scotia's Science 6 Curriculum.

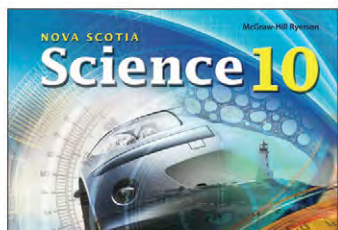
→ STUDENT EDITION (PRINT)

- Students develop their scientific literacy as they learn basic concepts relating to electricity, flight, space, and diversity of life.
- Students learn scientific theories and conduct investigations that are related to the concepts and skills explored in each unit.
- Nova Scotia specific visuals and content.

→ TEACHER'S RESOURCE (PRINT, CD-ROM)

- Complete printed Teacher's Resource provided in PDF format

Nova Scotia Science 10



Student Text 9780071058063	\$95.15
Teacher Resource (CD-ROM) 9780071058117	\$486.80

For more information on CONNECTSchool, please contact your Learning Solutions Manager.

Contributing Authors: Andrew Borkowski, Jacqueline Dulson, Lois Edwards, Brian Heimbecker, Julie Karner, Adrienne Mason Educational Consultants: April Butler, Andrew Clarey, Shane Eno, Wallace Fiander, Thérèse Forsythe • © 2012

Written to support the Nova Scotia Science 10 curriculum.

→ STUDENT EDITION

- Addresses all curriculum outcomes and focuses on real life applications, the development of science skills and education for sustainable development.
- Supports students in their development of inquiry, problem-solving and decision making skills

→ STUDENT CONNECTSCHOOL (ONLINE)

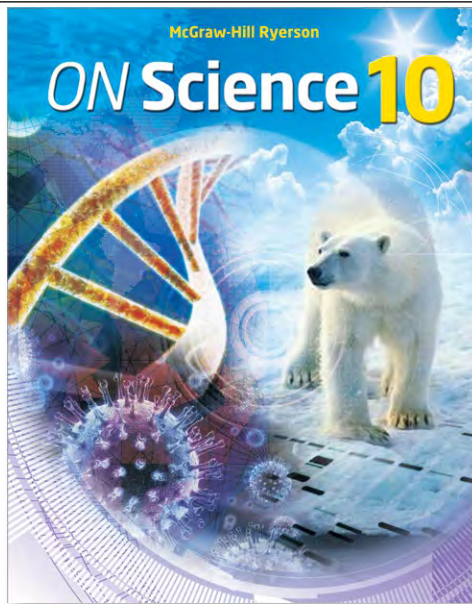
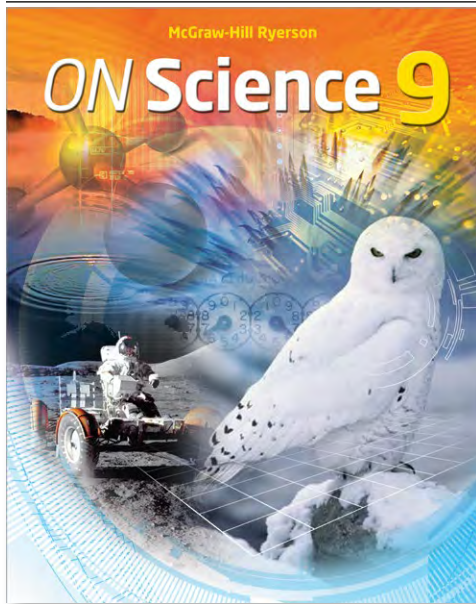
- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, Teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to customize your course content.

ON Science 9 and 10

• Development Team: Leesa Blake, TDSB; Alex Mills, University of Windsor; Jim Ross, Retired, LCDSB; Michael Mazza; Frank Mustoe, Retired, U of T Schools; Eric Grace, Nancy Flood; Tom Dickinson; Tom Stiff, Lakehead University; Steve Bibla, TDSB; Anu Aurora, PRDSB; Tigest Amdemichael, TDSB; Lea Francis, YRDSB; Jennifer Parrington, YRDSB; Tina Clancy, DPDSB; Paul Passafiume, YRDSB; Anjali Ahojia, Appleby College; Rob Smythe, Retired, HDSB; Craig Jackson, TV Ontario • © 2009



Written to the Ontario Curriculum, Grades 9 and 10, Science, Academic (SNC1D and SNC2D)

→ STUDENT EDITION

- Supports the learning process and ensure understanding, the text features **Learning Checks, Literacy Test Prep questions, Literacy Strategies, Section Reviews, Chapter Reviews and Unit Reviews.**

→ EXERCISE AND HOMEWORK BOOK (PRINT)

- Consumable workbook organized by section with additional questions and Literacy Test preparation

→ TEACHER'S RESOURCE (PRINT, CD-ROM)

- This comprehensive resource offers teaching suggestions, technology support, and assessment and evaluation strategies for each chapter.

→ INTERACTIVE TEACHER'S RESOURCE (ONLINE)

- Digital Teacher's Wraparound Edition comprised of: Complete InterActive Student Edition, Teaching notes accessible in two ways: as pop-out tabs at point of use, or as a continuous file printable by page range, Chapter specific Blackline Masters, Assessment checklists and rubrics, Exercise and Homework Book (including answers), PowerPoint and Interactive Whiteboard lessons

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 Options Contents 2 - 3 search Go McGraw-Hill Ryerson

Get Ready for Unit 1

Concept Check

- Examine the forest ecosystem shown in the illustration below. Make a table with the headings "Biotic" and "Abiotic." Copy your table into a notebook. Under each heading, list the components of the forest ecosystem that belong to that category.

Biotic	Abiotic
prey organism herbivore	tree stone sunlight precipitation

- Complete each of the following sentences, using one of the organisms from the forest ecosystem shown below in BLM's booklets. Do not write in this textbook. The first sentence is completed for you.
 - gambusia holbrooki* is a **consumer** because it feeds on the remains of dead animals and plants.
 - Pinus strobus* is a **producer** because...
 - Canis lupus* is a **herbivore** because...
 - Ursus americanus* is a **consumer** because...
 - Ursus americanus* is an **omnivore** because...

Inquiry Check

The Ontario Ministry of Transport has taken several steps to try to prevent traffic collisions with deer, moose, and bears. Researchers found out that most of these collisions happened in May, June, October, November, and December.

- Rank the following two seasons as most collisions with deer, moose, and bears occur. Why do you think this is the case? Explain your answer.
- Rank the following two seasons as most collisions with deer, moose, and bears occur. Why do you think this is the case? Explain your answer.
- Rank the following two seasons as most collisions with deer, moose, and bears occur. Why do you think this is the case? Explain your answer.
- Rank the following two seasons as most collisions with deer, moose, and bears occur. Why do you think this is the case? Explain your answer.

Numeracy and Literacy Check

The five areas of Ontario with the highest number of reported vehicle collisions with wildlife are shown below. They are listed in alphabetical order.

Area	Reported Collisions	Number of Injuries per 1000 per Year
Alton	1937	10.5
Leamington	42,435	481
Orillia	21,077	886
Simcoe County	108,100	628

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Biotic Characteristics of an Ecosystem

The biotic characteristics of an ecosystem include all the living things, such as plants, animals, fungi, bacteria, and protists, in an ecosystem. They also include all the interactions among the living things in the ecosystem. Examples of such interactions, shown in Table 1.3, include symbiosis, predation, and competition.

Activity 1-2

What Symbol Would You Choose?

The mayor of your town has asked you to help choose one of the biotic symbols to be used on the town's recycling bin. She has asked you to help choose one of the biotic symbols to be used on the town's recycling bin. She has asked you to help choose one of the biotic symbols to be used on the town's recycling bin.

Materials

- recycling bin
- recycling bin
- recycling bin

Procedure

- Design a symbol and logo to represent the town's current environmental problem.

Making a Difference

Chapter 1: Nutrient Cycles and Energy Flow • 11

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Study Toolkit

This toolkit will provide you with the resources you need to develop your understanding of science content, and skills. To find out more about these and other strategies, refer to the Study Toolkit Overview, which begins on page 360.

Previewing Text Features

Before reading text, you can preview the features of the text. These features include:

- Headings
- Text boxes
- Text boxes
- Text boxes

Visualizing

Visualizing means forming an image in your mind based on what you are reading. The more you visualize, the more you understand. The more you understand, the more you learn.

Table

A table is a way of organizing information into rows and columns. It is used to present data in a clear and concise way.

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1.1 Studying the Structure of Cells

Before the invention of microscopes in the 1600s, people had only a limited understanding of the human body and its knowledge of the microscopic world. For example, people had not yet seen their own blood cells as shown in Figure 1.1, and had never seen that tissue organisms (such as bacteria) that cause many diseases. Therefore, they did not know that they could help to prevent disease by developing ways to properly sterilizing surgical instruments between operations, and washing their hands regularly. More importantly, they did not know the importance of clean drinking water.

Misconceptions and Human Health

In the 1800s and 1870s, important misconceptions were put to rest. Scientists and physicians around the world had experiments that proved the way for one of the biggest discoveries in medicine: that "germs" (viruses, many bacteria, and some other microscopic organisms) cause diseases. This discovery made it possible to introduce simple methods (such as hand washing and drinking clean water) to prevent many diseases, and thus increase the human life span. Since then, advances in microscopy continue to advance medical diagnosis and the treatment of diseases caused by microorganisms and other diseases, such as diabetes and cancer. In Figure 1.2, on pages 6 and 9, you can see a range of the microscopic world.

Common Misconceptions

- Students may think that cells are made up of smaller cells. The basic unit of life is the cell. Cells do not contain smaller cells.
- Students may think that cells are made up of smaller cells. The basic unit of life is the cell. Cells do not contain smaller cells.
- Students may think that cells are made up of smaller cells. The basic unit of life is the cell. Cells do not contain smaller cells.

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ON Science 9

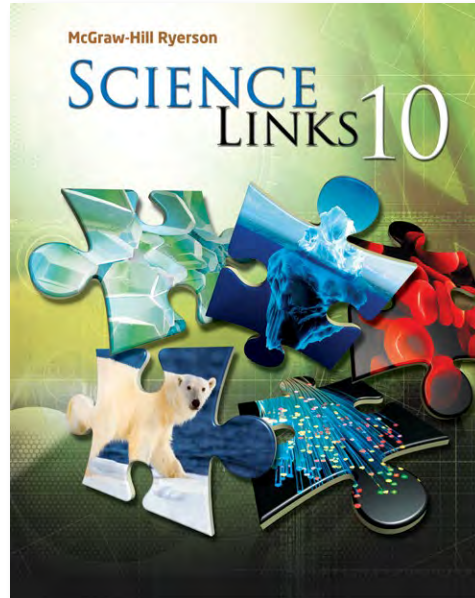
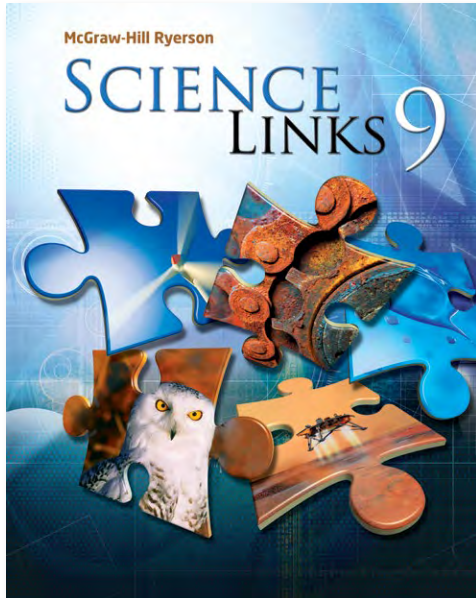
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ON Science 10

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Science Links 9 and 10

• Development Team Beth Lisser, PDSB; Barb Nixon-Ewing, TDSB; Sandy Searle; Dave Erb, Retired, Red Lake DSB; Eric Brown; Rob Smythe, Retired, HDSB; Steve Bibla, TDSB; Katy Farrow, TVDSB; Stephanie Grant, DPDSB; Nadine Morrison, HWDSB; Kay Stephen, OCDSB; Patricia Gaspar, YRDSB; Keith Gibbons, LCDSB; Mirella Sanwalka, YRDSB; Mike Lattner, HPEDSB; Thomas Stiff, Lakehead University; Craig Jackson, TV Ontario • © 2009, 2010



Designed specifically for the revised 2008 Ontario Grade 9 and 10 Applied Science Curriculum (SNC1P and SNC2P).

→ STUDENT EDITION

- Engaging concepts developed through activities, readable narrative, and instructional visuals, made relevant with STSE applications readings, and Starting Point activities

→ PRACTICE AND HOMEWORK BOOK (PRINT)

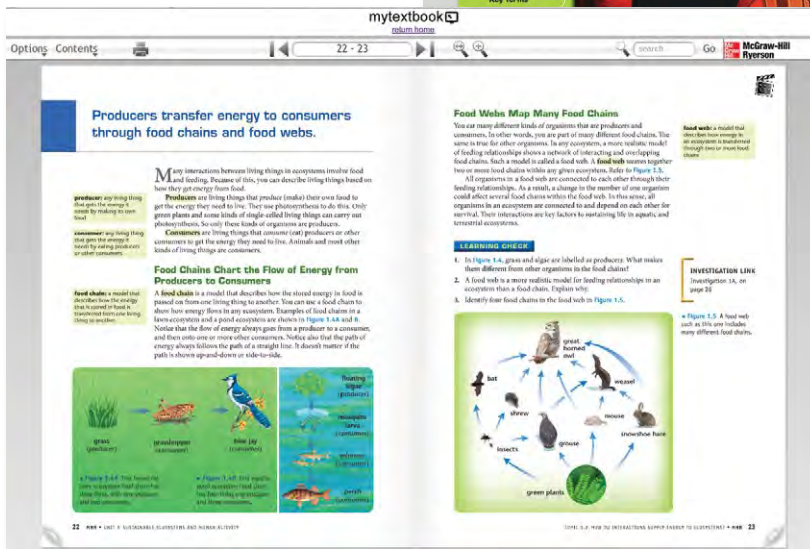
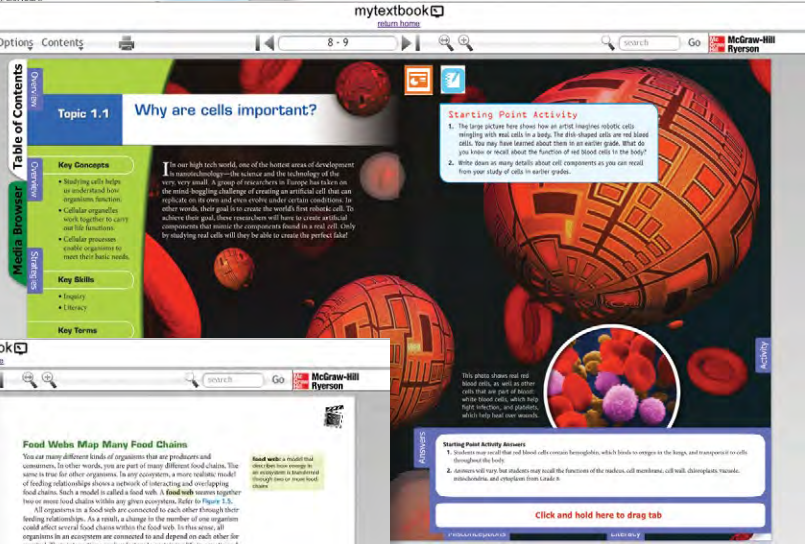
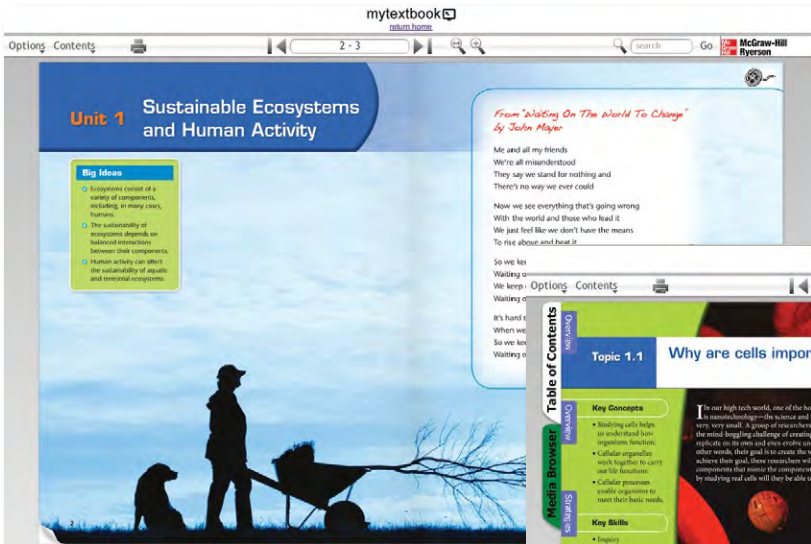
- Consumable workbook organized by section with additional questions and Literacy Test preparation

→ TEACHER'S RESOURCE (PRINT, CD-ROM)

- Offers teaching suggestions, technology support, and assessment and evaluation strategies.

→ INTERACTIVE TEACHER'S RESOURCE (ONLINE)

- Digital Teacher's Wraparound Edition comprised of: Complete Interactive Student Edition, Teaching Notes, Blackline Masters, Assessment checklists and rubrics, Practice and Homework Book (including answers), PowerPoint and Interactive Whiteboard lessons.



Science Links 9

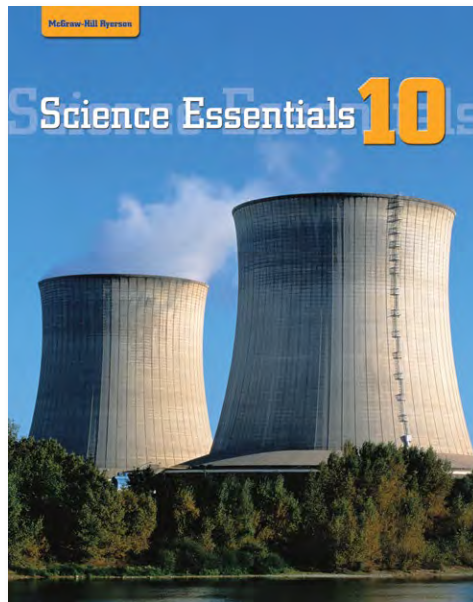
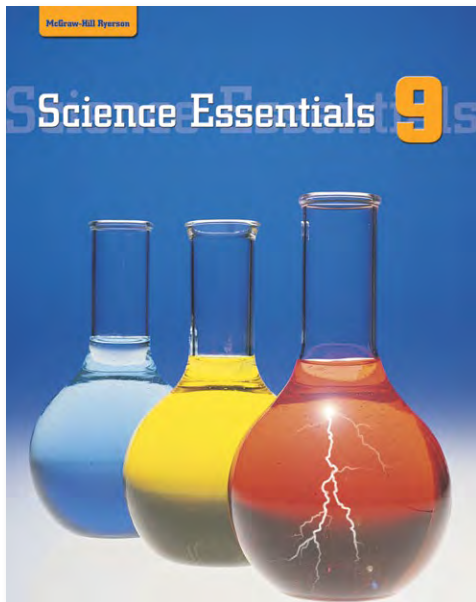
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Science Essentials 9 and 10

• Grade 9: Authors: Glen Hutton, David Kamatovic, Roger Levert, Barbara Nixon-Ewing, Bala Rasul, Andrea Stewart, Sandy Szeto • ©2006
• Grade 10: Authors: Stan Gajewski, Glen Hutton, Barbara Nixon-Ewing, John Patterson, Leonarda Ricciuto, Sandy Szeto • © 2007



Science Essentials 9

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Science Essentials 10

Student Text (Print)	
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Teacher Resource (Print + CD-ROM)	
9780070814349	\$357.58

Science Essentials 9 and 10 written specifically for the Locally Developed Compulsory Credit Course SNCIL and SNC2L.

- Develops student scientific and literacy skills for real-life application
- Addresses the diverse learning needs of the struggling student

→ STUDENT RESOURCE

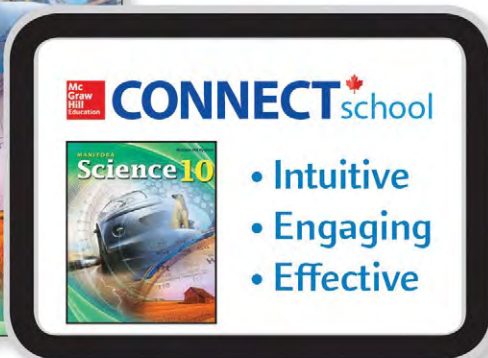
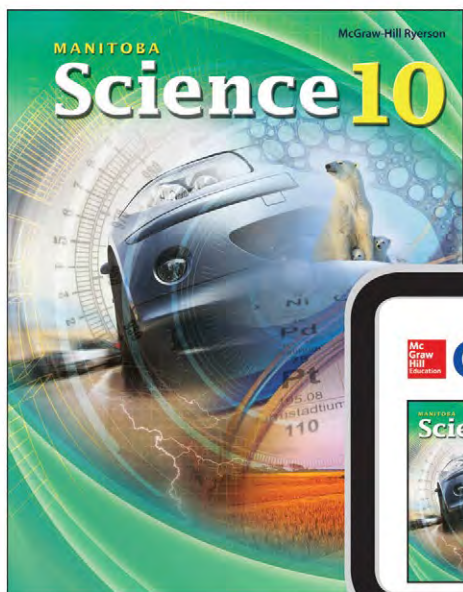
- Multiple short lessons can be taught in a variety of ways: teacher directed, class/group hands-on work, and individual work

→ TEACHER RESOURCE (PRINT, CD-ROM)

- Classroom management strategies and tools
- Diagnostic and intervention tools to facilitate the implementation of successful learning strategies

Manitoba Science 10

Educational Consultants: Sid Greenstone, Gabe Ktraljevics • Educational Advisors: Wilfred Buck, Rockford McKay • © 2014



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100+	\$88.15

Manitoba Science 10 is fully aligned to the provincial curriculum. It provides an inquiry approach to science learning, integrating STSE to support student understanding.

→ STUDENT EDITION

- Manitoba perspectives and First Nations and Metis ways of knowing are woven throughout the resource ensuring that students connect science to their lives.
- Focuses on real life applications, the development of science skills and education for sustainable development.
- Supports students in development of inquiry, problem-solving and decision making skills.
- Numerous hands on activities and opportunities for differentiated instruction.

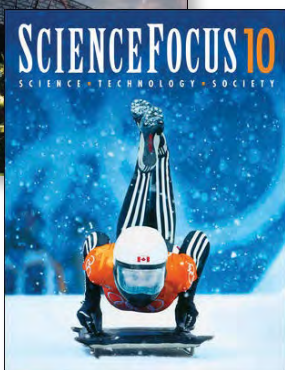
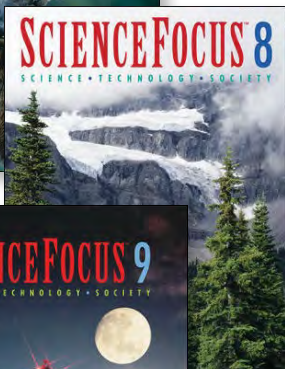
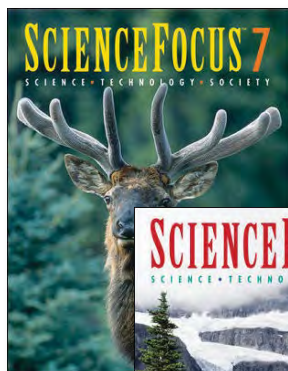
→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, Teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

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ScienceFocus 7, 8, 9 and 10

- **ScienceFocus 7 & 8:** Brown, Bullard, Clancy, Edwards, Galbraith, Grace, Gue, Haley, Jolliffe, Kiddell, Krupa, Krupa, Liland, Makar, J. Martin, T. Martin, Siler, Strachan • © 2001 • Grades 7-8
- **ScienceFocus 9:** Edgar, Goldie, Jasper, Lindenberg, Makar, Martin • © 2002 • Grade 9
- **ScienceFocus 10:** Gue, Hutton, Leong, Lunn, Mason, McGuire, Painter, Searle, Siler • © 2004 • Grade 10

Students actively investigate and explore science concepts, analyze important issues in today's world, and learn fascinating information about a wide variety of topics.



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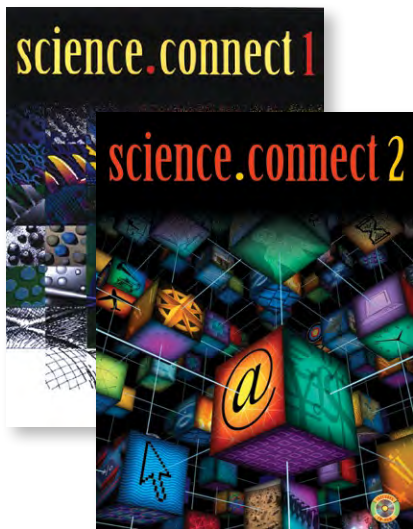
Alberta Science 9 and 10 Computerized Assessment Banks

• © 2014

- Approximately 2,000 new questions.
- For grade 9, some of the questions are written to support preparation for the provincial exam.
- Examview Software

Alberta Science 9 CAB	
9781259275470	\$333.13

Alberta Science 10 CAB	
9781259275487	\$333.13



science.connect 1 and 2

• **science.connect 1:** Colbourne, Fernandez, Hutton, Jantzen, MacFadyen, Sosnowski, Stoten
 • © 2002 • Grade 10 • **science.connect 2:** Colbourne, Fehres, Gowans, Hutton, Leong, MacFadyen, Smith • © 2003 • Grade 11



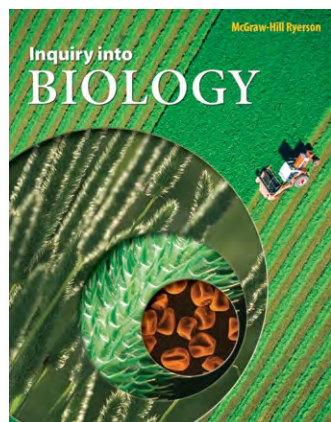
science.connect 1

Student Text (with multimedia CD-ROM**)	
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Teacher's Resource (CD-ROM)	
9780070890930	\$861.44

science.connect 2

Student Text (with multimedia CD-ROM**)	
9780070890947	\$113.65
Teacher's Resource (CD-ROM)	
9780070890954	\$769.96

** Not compatible with Mac OSX, Windows 7 or ChromeBook



Inquiry into Biology

• Bob Constantin, Helen Colbourne, Darcy Dobell, Claudia Fehres, Adrienne Mason, Deborah MacFadyen, George Thomson, Alexandra Venter • © 2007

Written to support the Alberta Biology 20-30 Program of Studies.

→ STUDENT EDITION

- Richness of visuals — photos, illustrations, and graphic organizers at the end of each chapter. All illustrations are available digitally for classroom use.

→ TEACHER'S RESOURCE (PRINT, CD-ROM, ONLINE)

- Assessment tools, lesson planner, planning and teaching strategies
- **Teaching Unit**—summarizes the content, highlights conceptual challenges, and offers tips for delivering the information
- **Unit Preparation**—reviews science from previous courses relating to the material students are about to cover

→ COMPUTERIZED ASSESSMENT BANK (EXAMVIEW®)



Student Text (Print)	
9780070960527	\$130.50

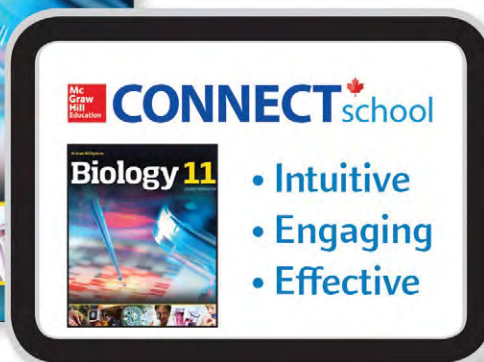
Teacher Resource (Print+CD-ROM)	
9780070965430	\$364.53

Computerized Assessment Bank (CD-ROM)	
9780070980983	\$231.37

Biology 11

College Preparation

• Development Team: Senior Authors: Alexandre Annab, Kathryn O'Connell, Marcia Winkelman. DI Advisor: Nandane Sawh. Authors: Kathy Blanchard, Andrea Davidson, Lea Francis, Ann Jackson, Aarti Kumaria, Catherine Maxwell, Dave Shoebottom, Steve Vona • © 2012



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CONNECTschool Student	
Access per student, per course	
9781259651205	
1-9	\$99.84
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25-99	\$93.90
100+	\$87.25

Written to support the revised Science Grade 11 Curriculum (SBI3C). *Biology 11 College Preparation* offers a unique concept approach by presenting students with information in manageable sections while emphasizing science in action supporting STSE and inquiry.

→ STUDENT EDITION

- Chapters organized into Concepts deliver essential content with a clear beginning, middle, and end
- Extensive differentiated support—through unit preparations, section, chapter, and unit summaries, and section, chapter, and unit reviews—to assess, reinforce, and stimulate the widest range of learners

→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

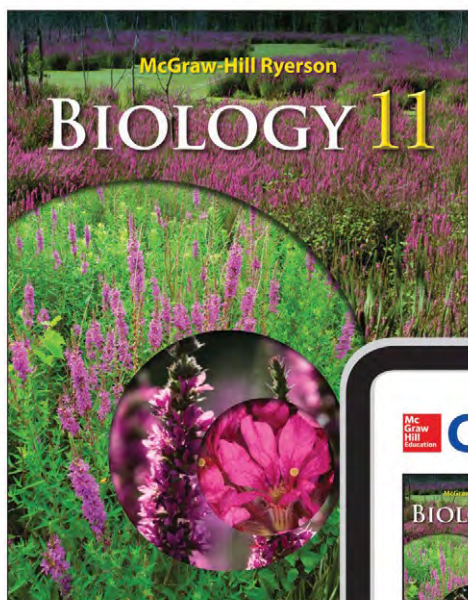
→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

→ COMPUTERIZED ASSESSMENT BANK (EXAMVIEW®)

Biology 11

• Authors/Consultants/Advisors: Chris Clovis, Sharon Ramlochan, Jennifer Parrington, Beth Lisser, Alex Mills, Sandy Searle CBE; Eric Grace; Lea D. Francis, Patricia Gaspar, Keith Gibbons, Susanne Gerards, Trent Carter-Edwards, Susan McCallum, Clyde Ramlochan • © 2010



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100+	\$87.25

Written to support the revised Science Grade 11 Biology (SBI3U) Curriculum.

→ STUDENT EDITION

- High interest STSE based special features including **Quirks and Quarks**, **Biology Connections**, and **Case Studies**
- Supports understanding with frequent learning checks and extensive section review summaries and questions

→ STUDENT STUDY GUIDE

- Helps students to focus their review time where they need it most and to build effective study skills critical to their success

→ TEACHER RESOURCE (PRINT, CD-ROM)

- Offers teaching suggestions, technology support, and assessment and evaluation strategies for each chapter

→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

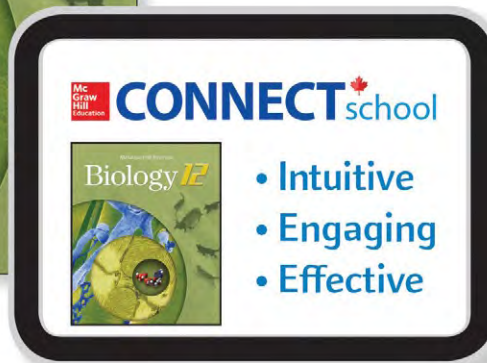
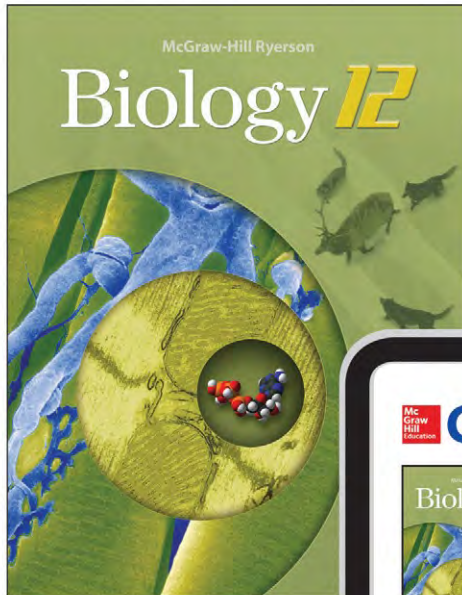
→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

→ COMPUTERIZED ASSESSMENT BANK (EXAMVIEW®)

Biology 12

Development Team: Susan Gerards, Trent Carter-Edwards, Sharon Ramlochan, Clyde Ramlochan, Jennifer Parrington, Rob Noble, Susan McCallum, Keith Gibbons • © 2011



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100+	\$87.25

Written to support the revised Science Grade 12 Biology (SBI4U) Curriculum.

→ STUDENT EDITION

- Prepare University bound students for the rigour of postsecondary studies with **Learning Checks, Section Reviews, Chapter Reviews, Chapter Self-Assessments** and **Unit Reviews**
- STSE emphasized in three exciting features: **Case Studies, Research in Action, Biology Connections**

→ STUDENT STUDY GUIDE

- Short self-assessments to guide additional study, embedded tips and strategies

→ TEACHER RESOURCE (PRINT, CD-ROM)

- Background information for key concepts and tips and strategies for differentiating instruction assist in engaging all learners

→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

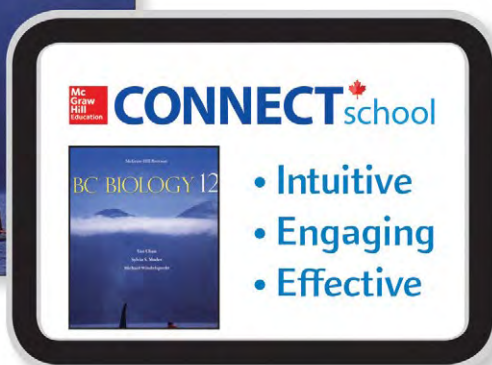
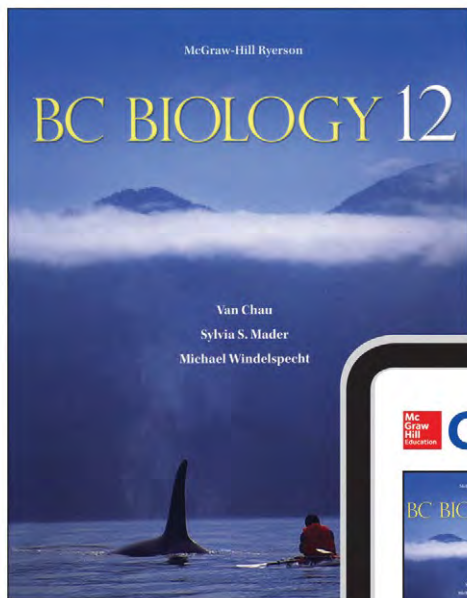
→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

→ COMPUTERIZED ASSESSMENT BANK (EXAMVIEW®)

BC Biology 12

Sylvia Mader, Michael Windelspecht, Van Chau • ©2013



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Developed by Sylvia Mader and a team of experienced British Columbia educators and is aligned to the new BC Biology 12 curriculum.

→ STUDENT EDITION

- Motivates and enables your students to understand and appreciate the wonders of biology with a focus on Process of Science, Human Biology (digestive, circulatory, respiratory, nervous, urinary and reproductive systems) and Cell Biology (cell structure, compounds and biological molecules, DNA replication, protein synthesis, transport, and enzymes).

→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

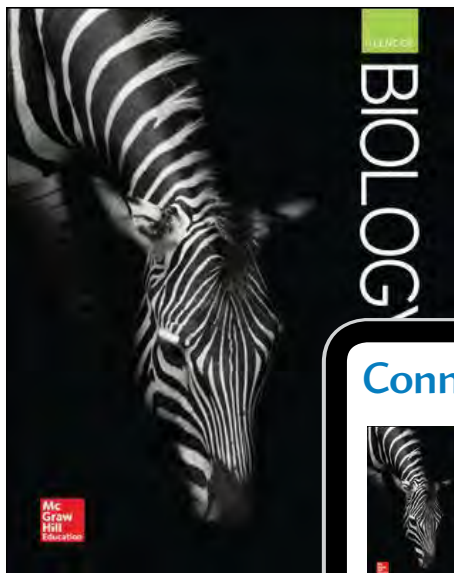
- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

→ COMPUTERIZED ASSESSMENT BANK (EXAMVIEW®)

Glencoe Biology

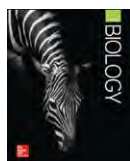
• Glencoe • © 2017, Grades 9-11

BIOLOGY



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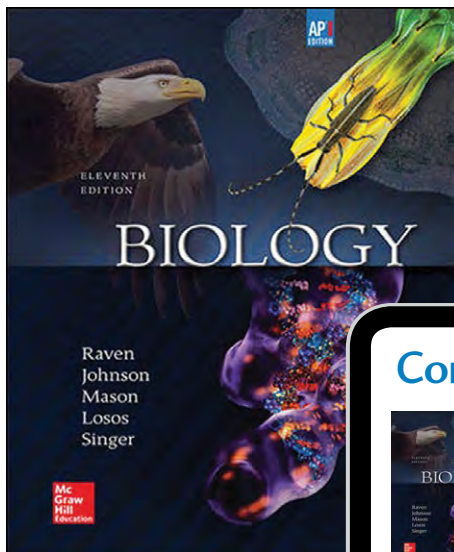
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- **Science Notebook** is designed to provide meaningful interaction between the student and the big ideas of biology.
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Biology

• Raven, et al. • Eleventh edition, © 2017



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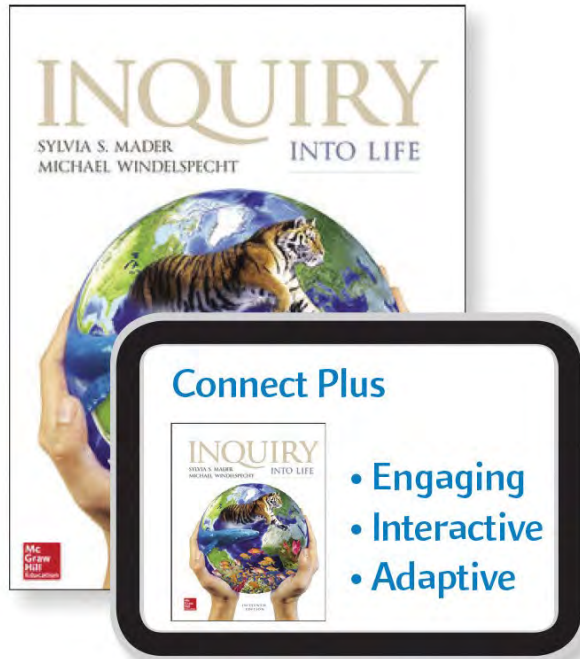
Comprehensive Print and Digital Solutions for AP Biology Success! *Biology* is a comprehensive text that uses an inquiry-based approach and features a robust digital program, making it the perfect solution for today's AP Biology classroom. The *Biology* learning system uses unique tools and chapter designation to help guide students through their study of AP Biology.

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Inquiry into Life

• Mader • Fifteenth Edition, © 2017



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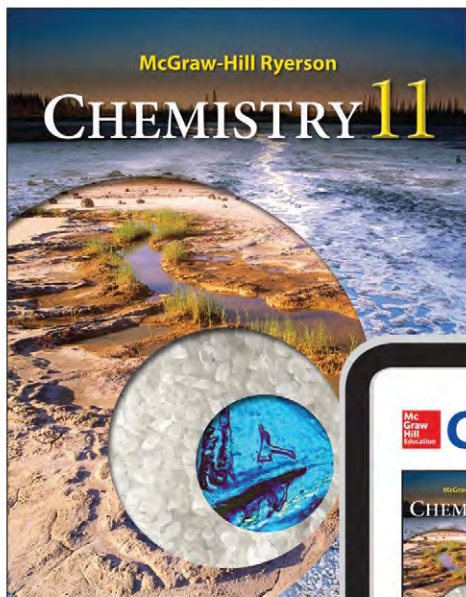
AP

Student Edition (Print) 9781259426162

From the unique delivery of biology content, to the time tested art program, to the complete integration of the text with technology, Dr. Sylvia Mader has formed a teaching system that will both motivate and enable your students to understand and appreciate the wonders of all areas of biology. *Inquiry into Life*, 15/e emphasizes the application of all areas of biology to knowledge of human concerns, what the students are able to relate to. The focus is on the concept of inquiry and a student's inherent desire to learn by integrating a tested, traditional learning system with modern digital and pedagogical approaches designed to stimulate and engage today's student

Chemistry 11

• Authors/Consultants/Advisors: Tigist Amdemichael, Patricia Thomas, Katy Farrow, Frank Mustoe, Christina Clancy, Brian Heimbecker, Ted Doram, Michael Mazza; Michael Jansen, Barbara Nixon, Stewart Grant, Trevor Finkle, Brian Heimbecker, Peter Bloch • © 2010



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Written to support the revised Science Grade 11 Chemistry (SCH3U) Curriculum.

→ STUDENT EDITION

- Fresh, new and easy-to-use, investigations, demos, and virtual labs
- High interest STSE based special features

→ STUDENT STUDY GUIDE (PRINT)

- Helps students review where needed most and build effective study skills

→ TEACHER RESOURCE (PRINT, CD-ROM)

- Offers teaching suggestions, technology support, and assessment and evaluation strategies for each chapter

→ SOLUTIONS MANUAL (CD-ROM)

- Includes answers and fully worked solutions

→ STUDENT CONNECTSCHOOL (ONLINE)

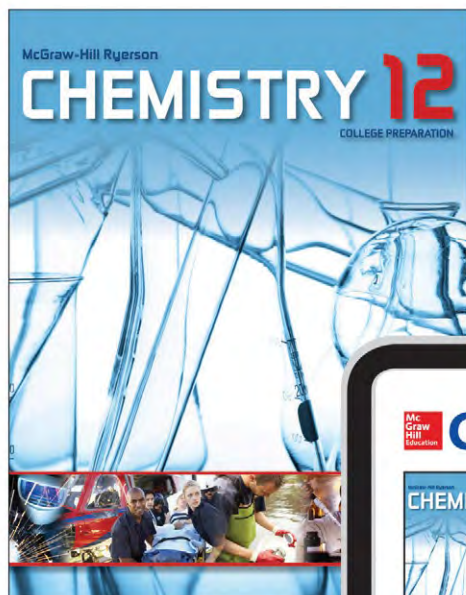
- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

Chemistry 12 College Preparation

Anderson, Bockneck • © 2014



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Chemistry 12 College Preparation is a comprehensive resource that provides an intuitive conceptual approach to chemistry and its application. Written specifically for the applied student and fully aligned to the 2009 revised Ontario curriculum (SCH4C).

→ STUDENT EDITION

- **Strong visual literacy** and clear narrative incorporate everyday analogies to support comprehension allowing chemistry to be accessible to all students.
- **Real-world applications** to help students connect chemistry to their lives and to future career prospects.
- **Engaging inquiry** that provides students with hands on opportunities to consolidate learning.
- Differentiated instructional strategies that address diverse learners.

→ STUDENT CONNECTSCHOOL (ONLINE)

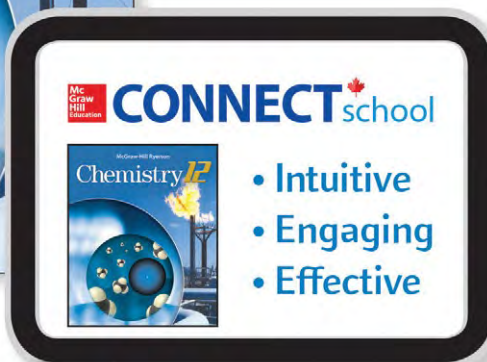
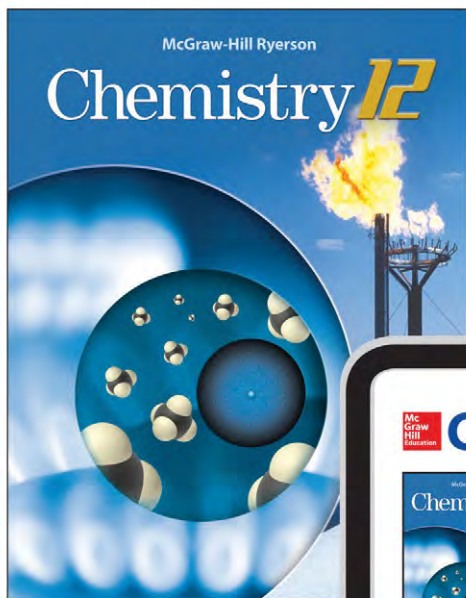
- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

Chemistry 12

• Nixon-Ewing, Thomas, Schroeder, Farrow, Amdemichael, Heinbecker, Finkle, Francis, Grant, Arora • © 2011



Student Edition (Print) 9780071060103	\$86.10
Student Study Guide (Print) 9780071060448	\$16.91
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1-9	\$99.84
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Written to support the revised Science, Grade 12 Chemistry (SCH4U) Curriculum.

→ STUDENT EDITION

- Prepare University bound students for the rigour of postsecondary studies.
- Learning Checks, Section Reviews, Chapter Reviews, Chapter Self-Assessments and Unit Reviews provide students with hundreds of new questions to test their learning and understanding

→ STUDENT STUDY GUIDE (PRINT)

- Short self-assessments combined with embedded tips and strategies to guide additional study

→ TEACHER RESOURCE (PRINT, CD-ROM)

- This comprehensive resource offers teaching suggestions, technology support, and assessment and evaluation strategies for each chapter

→ STUDENT CONNECTSCHOOL (ONLINE)

- Complete interactive student resource with personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans

→ TEACHER CONNECTSCHOOL (ONLINE)

- Fully Integrated powerful Teaching and Learning Program with all your teaching materials in one location. Includes complete interactive student resource, teacher resource, a wealth of media assets, Powerpoints, interactive lessons and activities, quiz builder and the ability to custom your course content.

→ SOLUTIONS (CD-ROM)

- Includes answers and fully worked solutions

Chemistry

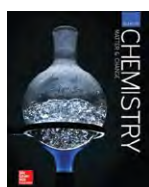
Matter and Change

• Glencoe • © 2017 • Grades 10-12



NEW!

Connect ED

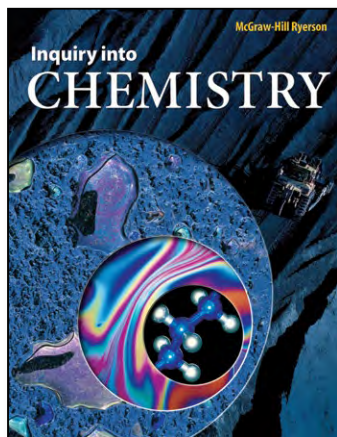


- Engaging
- Interactive
- Assessment

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Science Notebook, Teacher Edition 9780078964169	\$40.27

Chemistry: Matter and Change motivates students to “bond” with chemistry at every level by:

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Inquiry into Chemistry

• Ian Phillips, Sandy Searle, Audrey Chastko, Jeff Goldie, Frank Mustoe • © 2007

Relevant, and rigorous content supports student mastery of knowledge, skill, STS, and attitude outcomes for the Alberta Education Chemistry 20-30 Program of Studies.

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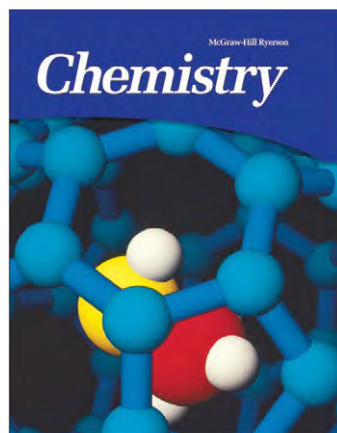
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Chemistry Atlantic Edition

• Mustoe, Jansen, Webb, Doram, Hayhoe, Gaylor, Ghazariansteja • © 2003 • Grades 11-12

McGraw-Hill Ryerson Chemistry is a program developed specifically for Grades 11 and 12 combined chemistry courses.

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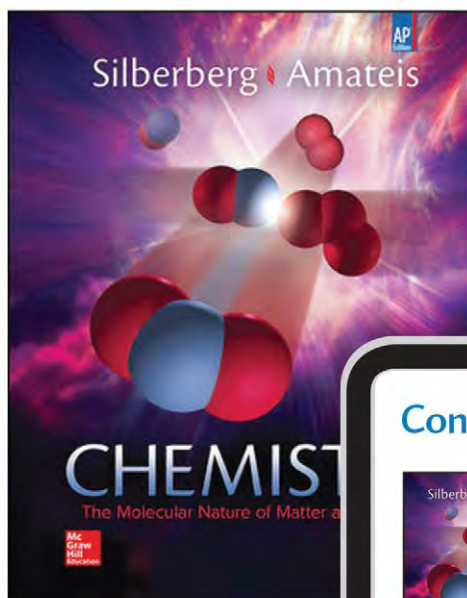
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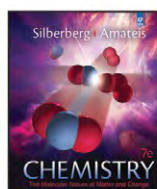
Chemistry

The Molecular Nature of Matter and Change

• Silberberg • AP Edition, © 2015



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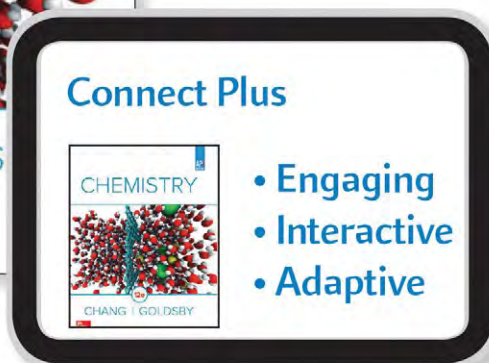
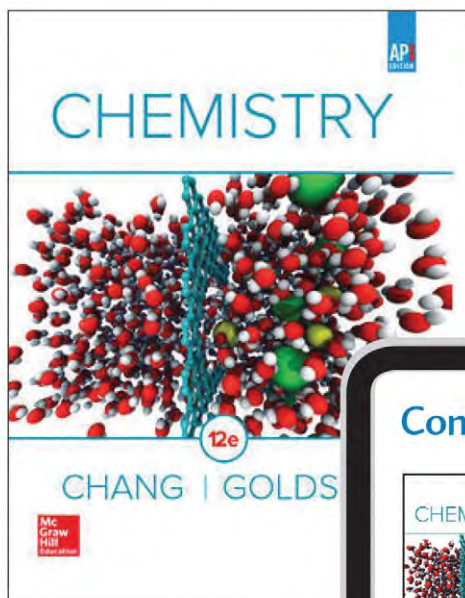
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Chemistry: The Molecular Nature of Matter and Change Seventh Edition is the ideal companion text for the APChemistry classroom. Chapter Openers tie the chapter content to the Big Ideas and include correlations to the new AP Chemistry Curriculum Framework. Chapter Review Guides include an AP Chemistry Review that pinpoints chapter concepts and skills essential to the AP course. Other AP classroom solutions including:

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Chemistry

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AP

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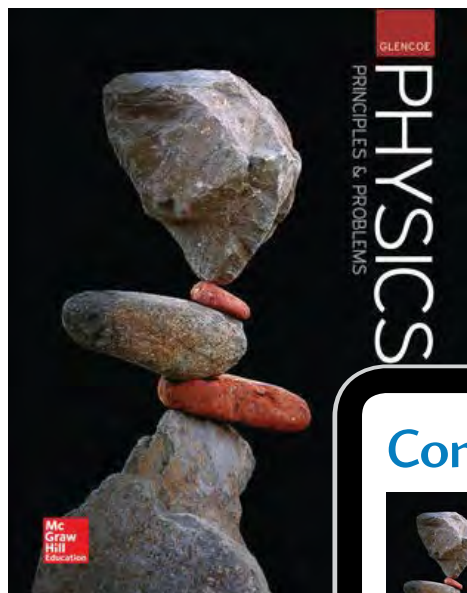
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Physics

Principles and Problems

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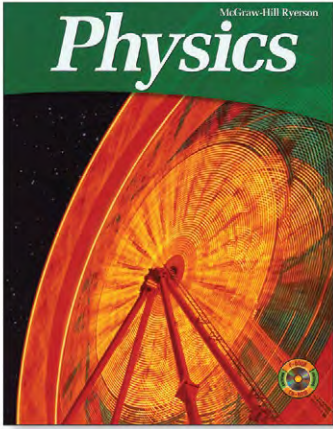
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Physics

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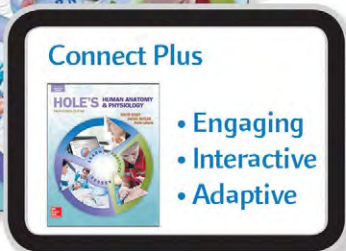
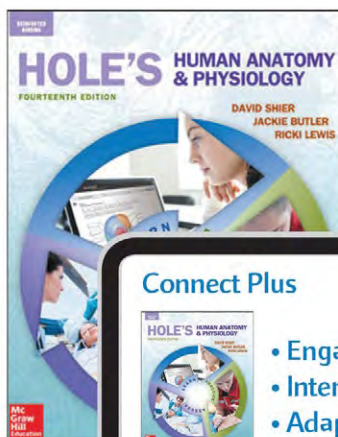
• Dick, Edwards, Geddis, Gue, Brown, Callcott, James, McCaul, McGuire • © 2003 • Grades 11–12

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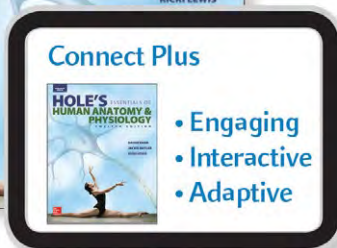
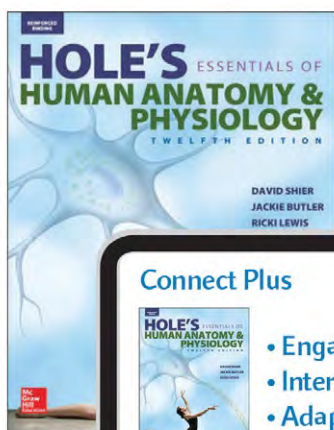
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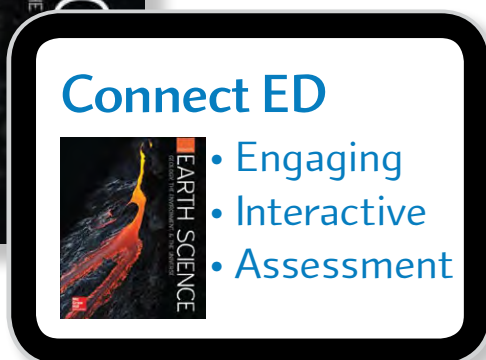
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Geology, the Environment, and the Universe

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Environmental Science

A Canadian Perspective

• Educational Consultants: Marlene Faulkner, David Hall, Saskatchewan; Melissa Hunter, Ann Jackson, Ellen Murray, Tiffany Schoonings, Corey Zeigler
• © 2013 • Grade 11



Student Edition (Print) 9781259067778	\$80.75
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Environmental Science: A Canadian Perspective provides students with a comprehensive understanding of the key concepts of environmental science, including energy use and conservation, sustainable agriculture and forestry, and managing and reducing waste. With a focus on recognizing environmental issues, it effectively demonstrates how to think critically, utilize methods of scientific research, and evaluate scientific evidence and arguments

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- Developed and written from a truly Canadian perspective to support the Ontario SVN3M Environmental Science 11 U/C curriculum
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Environmental Science A Global Concern

• Cunningham • Thirteenth Edition, © 2015

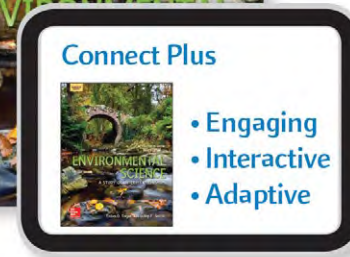
An up-to-date global view of environmental science, this program presents a comprehensive view of environmental science that emphasizes critical thinking, environmental responsibility, and global awareness. This new edition is the ideal companion text for the AP Environmental Science classroom.

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• Enger, Smith • Fourteenth Edition • © 2016, Grades 9-12

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• Booth, Kathryn • © 2013, Grades 10-12



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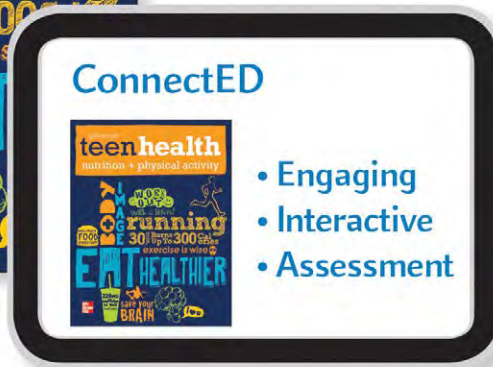
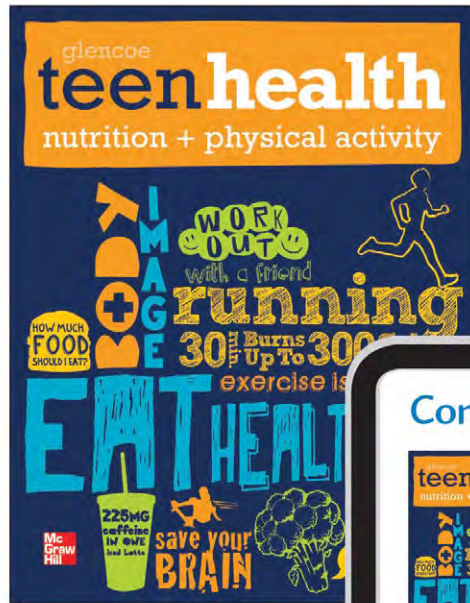
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