

# BC SCIENCE 10

IS MORE THAN A TEXTBOOK!

McGraw-Hill Ryerson

# BC SCIENCE 10

SEE YOUR  
STUDENTS SUCCEED  
WITH BC SCIENCE

STUDENT EDITION  
—PRINT VERSION .....page 2

ONLINE STUDENT  
RESOURCES .....page 2

STUDENT WORKBOOK  
—PRINT VERSION .....page 3

PROVINCIAL EXAM PREP  
STUDY GUIDE .....page 3

STUDENT EDITION—ONLINE  
HOME VERSION EBOOK .....page 4

STUDENT WORKBOOK  
—ONLINE VERSION .....page 4

TEACHER RESOURCE  
—PRINT VERSION .....page 5

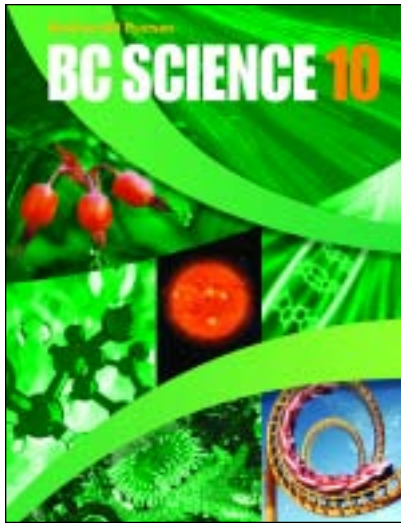
TEACHER'S CORNER  
—ONLINE .....page 6

COMPUTERIZED  
ASSESSMENT BANK .....page 7

PROFESSIONAL  
DEVELOPMENT .....page 7

# FOR THE STUDENT

A variety of resources to support diverse student needs.



## 1. STUDENT TEXT

Print Version 9780070984653

- 100% match to BC Ministry IRP
- Developed by a team of key BC authors, reviewers, consultants and advisory panel
- Part of a series of texts (BC Science 8-10) being designed specifically for BC
- Current and relevant science content designed to engage a diverse range of learners
- Variety of motivating hands-on activities
- Age appropriate reading level, with key literacy strategies integrated throughout the text
- Extensive Provincial Exam support

PRINT VERSION



PROVINCIAL EXAM PREP



INTERNET CONNECTS



## 2. ONLINE STUDENT RESOURCES

A wide range of interactive activities aligned to the student text page.

- Internet Connects
- Interactive student study quizzes
- Interactive animations, simulations, video clips, puzzles, probeware labs and more...
- Puzzles and Fun activities
- All images and illustrations included in student text



ANIMATIONS, VIDEO CLIPS, SIMULATIONS



INTERNET CONNECTS



ACTIVITIES



# MORE THAN A TEXTBOOK!

## 3. STUDENT WORKBOOK

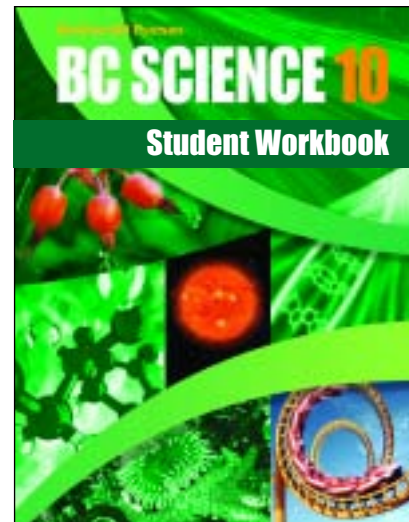
Print Version 9780070984615

- Modified activities
- Reinforcement
- Enrichment and extension activities
- Puzzles and Fun activities
- Opportunities for assessment and evaluation

ACTIVITIES



ASSESSMENT



## 4. PROVINCIAL EXAM PREP SUPPORT

### **BC Science 10 Provincial Exam Study Guide**

Available in print and online.

- Summarizes key content
- Provides **sample provincial exam questions**
- Practice provincial exam questions
- Study skill support
- A **two year revision cycle** will reflect ongoing changes to the provincial exam



PROVINCIAL  
EXAM PREP



ASSESSMENT



SAMPLE QUESTIONS



# MORE THAN A TEXTBOOK!

## 5. ONLINE STUDENT HOME VERSION EBOOK

Password protected

ANIMATIONS, VIDEO  
CLIPS, SIMULATIONS



INTERNET CONNECTS



WORKSHEETS



**Provides the ultimate in flexibility and function**, giving the users the ability to download the student text and related workbook pages in pdf format. The **section by section organization** allows students, teachers and parents to **easily access the textbook from any location**.

**Access is simple and easy** - after logging in to the Home Version with your user name and password, simply select the selection you are interested in from the Table of Contents. All the relevant resources will appear for you in an easy-to-read list for downloading.

**Address a diverse range of learners with a variety of additional resources:**

- **Study Note Templates** to make note-taking more effective
- **Before Reading Activities** to enhance reading comprehension
- **Student Workbook Files** for extra practice
- **Internet Links**, animations, simulations, and video clips that pertain to the section
- **Supplementary Worksheets** for students that require more practice
- **Blackline Masters**
- **Check Your Understanding Questions** and an **Interactive Section Quiz** to help assess understanding



# FOR THE TEACHER

A variety of resources to support diverse teacher needs.

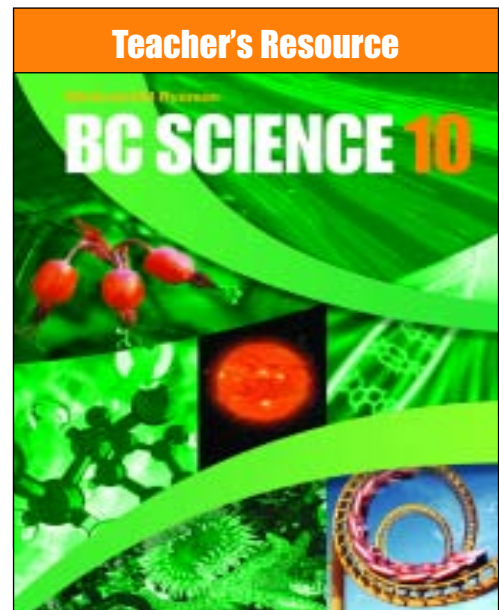
## TEACHER'S RESOURCE

Print Version 9780070984622

Experienced classroom teachers provide science background information, planning and implementation strategies to ease in the implementation of the new IRP.

Includes:

- **Curriculum Correlation Charts**
- **Unit Planning Charts** for Activities and Investigations
- Course **Material lists**
- **Teaching Notes**
- **Assessment and Evaluation tools**
- Strategies for **teaching Multiple Intelligences**
- **Differentiated Instruction**
- Teaching strategies **using Foldables™**
- Science **Classroom Safety**
- **Skills Development**
- **Blackline Masters**



PRINT VERSION



PROVINCIAL  
EXAM PREP



ASSESSMENT



PLANNING CHARTS



BLACKLINE MASTERS



FOLDABLES



# FOR THE TEACHER

## TEACHER'S CORNER

Password protected

A password-protected **online Teacher Section** provides the **ultimate in flexibility and function** by allowing you to **download resource material anywhere any time**.

- Complete text of print **Teacher's Resource in PDF** format
- **Modifiable Blackline Masters** - provided in PDF format and Word Documents
- **Assessment checklists** and rubrics
- **Additional links** for teachers to access
- **PowerPoint Presentations** for each section
- **Images and illustrations** from the student textbook
- **Materials lists** from suppliers
- **Curriculum updates**

\* *With the purchase of the Teacher Resource print version, access will be provided.*

*Access to the Complete Teacher Resource*



*Example taken from BC Science 9 Teacher's Corner*

DOWNLOAD DOCUMENTS



ADDITIONAL LINKS



ASSESSMENT



POWERPOINTS



PROFESSIONAL DEVELOPMENT



# MORE FOR THE TEACHER!

## COMPUTERIZED ASSESSMENT BANK

CD-ROM 9780070984608

- approx **1000 questions** written and reviewed by BC Science teachers
- coded to **correlate to the British Columbia Prescribed Learning Outcomes**
- **variety of question** types
- all **answers provided**
- user-friendly **ExamView™** software

CD-ROM



PROVINCIAL  
EXAM PREP



ASSESSMENT



SOFTWARE



## PROFESSIONAL DEVELOPMENT

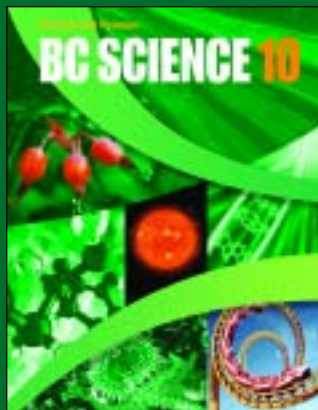
McGraw-Hill Ryerson is committed to providing curriculum implementation support through a variety of ongoing learning opportunities. Professional Development will be offered through online learning support, at provincial conferences, regional meetings, district-wide workshops and more. A variety of topics will be offered to help facilitate the implementation of the new Science 8-10 IRP. Contact us to find the most appropriate option to meet your needs or visit [www.bcsience.com](http://www.bcsience.com).

PROFESSIONAL  
DEVELOPMENT



**MARK YOUR CALENDARS!**

Plan to attend our BC Science Institute  
on October 24th, 2008. Details to follow!



## AUTHORS

**Lionel Sandner**  
Edvantage Press

**Glen Fatkin**  
North Surrey Secondary  
School  
Surrey, British Columbia

**Donald Lacy**  
Stelly's Secondary School  
Saanichton, British Columbia

**Josef Martha**  
Edvantage Press

**James Milross**  
Fraser Heights Secondary School  
Surrey, British Columbia

**Karen Naso**  
David Thompson Secondary  
School  
Vancouver, British Columbia

## Contributing Authors

**Dinah Zike**  
Educational Consultant

## Consultants

**Herb Johnston**  
Faculty of Education  
University of British Columbia  
Vancouver, British Columbia

**Doug Roberts**  
University of Calgary  
Calgary, Alberta

## Senior Pedagogical Consultant

**Sandy M. Wohl**  
King David High School  
Vancouver, British Columbia

## Safety Consultant

**Dr. David J. Berg**  
Department of Chemistry  
University of Victoria  
Victoria, British Columbia

## Advisory Team Members

**Dr. Gurmit Bains**  
Elgin Park Secondary School  
Surrey, British Columbia

**Briar Ballou**  
Handsworth Secondary School  
North Vancouver, British Columbia

**Van Chau**  
Delview Secondary School  
Delta, British Columbia

**Nick Despotakis**  
Walnut Grove Secondary School  
Langley, British Columbia

## Bruce Gurney

Sutherland Secondary School  
North Vancouver, British Columbia

**Leslie Johnstone**  
Point Grey Secondary School  
Vancouver, British Columbia

**David Oakley**  
Eric Hamber Secondary School  
Vancouver, British Columbia

**Vijay Pereira**  
Parkland Secondary School  
Sidney, British Columbia

**Cheri Smith**  
Yale Secondary School  
Abbotsford, British Columbia

**Christopher Toth**  
St. Thomas More Collegiate  
Burnaby, British Columbia

**Josie Wilson**  
Ashcroft Secondary School  
Ashcroft, British Columbia

# SALES REPRESENTATIVES

**Regional Sales Manager**  
**Russ Breakey**  
(604) 855-3445  
Toll Free 1-888-793-7706 ext 4070  
Fax (604) 855-5996  
Email: russb@mcgrawhill.ca  
School Districts: #33, 34, 75, 78,

**Erin Pope**  
(604) 986-2977  
Toll Free 1-888-793-7706 ext 4072  
Fax (604) 986-5977  
Email: erinp@mcgrawhill.ca  
School Districts: #8, 10, 20, 23, 36, 37, 39,  
41, 44, 45, 48, 49, 50, 51, 52, 53, 59, 60, 64,  
67, 68, 69, 70, 71, 72, 81, 82, 84, 85

**Maria Boubil**  
(604) 944-8040  
Toll Free 1-888-793-7706 ext 4014  
Fax (604) 944-8068  
Email: mariab@mcgrawhill.ca  
School Districts: #5, 6, 19, 22, 27, 28, 35, 38,  
40, 42, 43, 46, 47, 54, 57, 58, 61, 62, 63,  
73, 74, 79, 83, 87, 91, 92, 93 and the Yukon

[www.bcsience10.ca](http://www.bcsience10.ca)

## To Place an Order Only

Toll Free Order Line: 1-800-565-5758  
Toll Free Fax Order Line: 1-800-463-5885

**McGraw-Hill**  
**Ryerson**

*Committed to Learning*

The McGraw-Hill Companies

041-2008

McGraw-Hill Ryerson, 300 Water Street, Whitby, ON L1N 9B6 [www.mcgrawhill.ca/school](http://www.mcgrawhill.ca/school)