

Science 8 to 10



All About Astronomy Series

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

The two, 30-minute DVDs, *Exploring Stars* and *The Story of the Solar System*, constitute a good additional resource. They have chapter selection which aids in lesson delivery, and employ state of the art animation and visuals. Material is current, except for the final decision to remove "planet" status from Pluto; however this debate is referenced. Also available in VHS format, which has not been evaluated.

Audience: General**Category:** Student, Teacher Resource**Grade Level:**

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Marlin Motion Pictures Ltd.211 Watline Avenue
Mississauga, ON L4Z 1P3

Telephone: (905) 890-1500

Fax: (905) 890-6550

Toll Free: 1-800-865-7617

Web Address: www.marlineducation.com

Price: DVD: \$69.95 each
VHS: \$59.95 each**ISBN/Order No:** Exploring Stars: 1-59527-490-1
The Story of the Solar System: 1-59527-489-8**Copyright:** 2005

Astronomy

Author(s): Pasachoff, J.**Curriculum Organizers:**

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

This American resource, part of the *Science Explorer* series, consists of a student text and an annotated teacher's edition. A teacher's resource package is also available, but has not been evaluated. Topics focus on the features and characteristics of the universe. This edition replaces *Exploring the Universe*.

Audience: General**Category:** Student, Teacher Resource**Grade Level:**

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Pearson Education Canada26 Prince Andrew Place
Don Mills, ON M3C 2T8

Telephone: (416) 447-5101

Fax: 1-800-563-9196

Toll Free: 1-800-387-8028/7851

Web Address: www.pearsoned.ca

Price: Student Text: \$19.75
Teacher's Edition: \$44.75**ISBN/Order No:** Student Text: 0-13-054088-9
Teacher's Edition: 0-13-054089-7**Copyright:** 2002

Science 8 to 10



B.C. Science Probe 9

Author(s): LeDrew, B. et al.**Curriculum Organizers:**

Processes of Science	
Life Science	Reproduction
Physical Science	Atoms, Elements, and Compounds; Characteristics of Electricity
Earth and Space Science	Space Exploration

General Description:

This 587-page comprehensive text extensively covers all aspects of the new Science 9 curriculum. There are numerous formal labs and short activities to complement the topics discussed. All chapters have reviews and subsections have questions for understanding. Learning tips and relevant, topical diagrams are interspersed throughout the text. Particularly useful is a 67-page skills handbook as an appendix. Units can be studied in any sequence. Much of the material in *Physical Science: Characteristics of Electricity* is of a significantly higher level than dictated by the IRP. Some of the material on current electricity is beyond the mathematical level of Grade 9, but may be useful for enrichment for more capable students.

Audience: General**Category:** Student, Teacher Resource**Grade Level:**

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Thomson Nelson1120 Birchmount Road
Scarborough, ON M1K 5G4

Telephone: (416) 752-9448

Fax: (416) 752-8101

Toll Free: 1-800-268-2222/1-800-668-0671

Web Address: www.nelson.com

Price: \$62.95**ISBN/Order No:** 978-0-17-629066-5 / 0-17-629066-4**Copyright:** 2007

BC Science 9

Author(s): Sandner, L. et al.**Curriculum Organizers:**

Processes of Science	
Life Science	Reproduction
Physical Science	Atoms, Elements, and Compounds; Characteristics of Electricity
Earth and Space Science	Space Exploration

General Description:

This 509-page comprehensive text resource offers a high degree of correlation with the new curriculum. The content is current, accurate, and highly relevant for the students of British Columbia. The visual layout of the text is appealing and appropriate for a diverse range of learners. The text book provides many extension topics and student questions.

Audience: General**Category:** Student, Teacher Resource**Grade Level:**

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: McGraw-Hill Ryerson Ltd. (Ontario)300 Water Street
Whitby, ON L1N 9B6

Telephone: (905) 430-5000

Fax: (905) 430-5194

Toll Free: 1-800-565-5758 (orders)

Web Address: www.mcgrawhill.ca

Price: \$59.95**ISBN/Order No:** 978-0-07-098451-6 / 0-07-098451-4**Copyright:** 2007

Science 8 to 10



Greatest Discoveries with Bill Nye: Astronomy

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

This 45-minute DVD discusses the history of astronomical observation, Einstein's Theory of General Relativity, the expanding universe, and types of stars. It comes with an on-line teacher's guide with pre- and post-viewing activities and assessment ideas. Also available in VHS format, which has not been evaluated.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: *Marlin Motion Pictures Ltd.*

211 Watline Avenue
Mississauga, ON L4Z 1P3

Telephone: (905) 890-1500

Fax: (905) 890-6550

Toll Free: 1-800-865-7617

Web Address: www.marlineducation.com

Price: DVD: \$69.95
VHS: \$59.95

ISBN/Order No: 1-59527-319-0

Copyright: 2005



Modern Physics and Cosmology

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

The 20-minute video presents classical physics and modern physics concepts in a stimulating manner. Development of quantum mechanics from a beginning perspective leads into Einstein's *Theory of Relativity*. Principles of cosmology are presented with evidence for the *Big Bang Theory* and the *Oscillating Universe*. Teachers may need to clarify some new terms which are introduced. Excellent graphics and presentation of concepts. Teacher support material provides simplistic activities and quizzes. The best curriculum fit is for Grade 9; sections of the first half of the video can be used to support the Grade 10 topics of radioactivity and atomic structure.

Audience: General
Gifted - extends concepts

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: *B. C. Learning Connection Inc.*

4 - 8755 Ash Street
Vancouver, BC V6P 6T3

Telephone: (604) 324-7752

Fax: (604) 324-1844

Toll Free: 1-800-884-2366

Web Address: www.bclc.bc.ca

Price: \$26.00

ISBN/Order No: SC0325

Copyright: 2002



Moon: Our Partner in Space/Jaw Drop: Eclipses and Auroras

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

This 20-minute DVD consists of two, 10-minute segments. The first segment is about the moon and the earth-moon system. The second segment has two parts: eclipses and auroras. The graphics are well-matched to the information, they are visually appealing and engaging. The narrative is at an appropriate level for Grade 9 students.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: *Visual Education Centre Ltd.*

Unit 3 - 41 Horner Avenue
Etobicoke, ON M8Z 4X4

Telephone: (416) 252-5907

Fax: (416) 251-3720

Toll Free: 1-800-668-0749

Web Address: www.kftv.com/company-33221.html

Price: \$59.95

ISBN/Order No: SSVOL362

Copyright: 2006

Science 8 to 10



Space Science: The Basics

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

The 180-minute DVD employs state of the art animations and age appropriate narration to deliver an excellent additional resource for the astronomy section of Science 9. Descriptive chapter titling allows for easy and timely integration into most lesson plans. Also available in VHS format, which has not been evaluated.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Marlin Motion Pictures Ltd.

211 Watline Avenue
Mississauga, ON L4Z 1P3
Telephone: (905) 890-1500
Fax: (905) 890-6550
Toll Free: 1-800-865-7617
Web Address: www.marlineducation.com

Price: DVD: \$124.95
VHS: \$114.95

ISBN/Order No: 1-59527-509-6

Copyright: 2005



The Universe and the Solar System

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

This 30-minute DVD covers six segments on the universe and solar system: origin of the universe; stars, galaxies, and the Milky Way; origin of the solar system; inner and outer planets; comets, asteroids and meteors; and the earth's orbit. Visuals and animations are eye-catching and engaging for students. Explanations of terms are of an appropriate level for Grade 9. Also available in VHS format, which has not been evaluated.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Marlin Motion Pictures Ltd.

211 Watline Avenue
Mississauga, ON L4Z 1P3
Telephone: (905) 890-1500
Fax: (905) 890-6550
Toll Free: 1-800-865-7617
Web Address: www.marlineducation.com

Price: DVD: \$69.95
VHS: \$59.95

ISBN/Order No: 1-59527-525-8

Copyright: 2005



The Universe: The Vast Reaches of Space

Curriculum Organizers:

Earth and Space Science	Space Exploration
-------------------------	-------------------

General Description:

This 25-minute DVD covers eight segments: the light-year; galaxies; birth and death of smaller stars; supernovas; the light spectrum; dark matter; the Big Bang; and gathering information about the universe. An on-line teacher's guide is available with suggested activities and worksheets. The visuals are engaging and the content is an appropriate level for Grade 9. Also available in VHS format, which has not been evaluated.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K	1	2	3	4	5	6	7	8	9	10	11	12
									✓			

Supplier: Marlin Motion Pictures Ltd.

211 Watline Avenue
Mississauga, ON L4Z 1P3
Telephone: (905) 890-1500
Fax: (905) 890-6550
Toll Free: 1-800-865-7617
Web Address: www.marlineducation.com

Price: DVD: \$69.95
VHS: \$59.95

ISBN/Order No: 1-59527-815-X

Copyright: 2006