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# Science

## Kindergarten to Senior 4 Science

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Manitoba Education, Citizenship and Youth is nearing the completion of Kindergarten to Senior 4 science curriculum development based on the *Common Framework of Science Learning Outcomes K to 12: Pan-Canadian Protocol for Collaboration on School Curriculum* (1997). Identification of learning resources to support new science curricula occurs as these curricula are being implemented. Until new learning resources are identified, schools are asked to continue selecting learning resources appropriate for local use.

Updates to science curricula and release dates are posted on the Department's website at <<http://www.edu.gov.mb.ca/ks4/cur/science/updates.html>>. Updates to learning resources are available at <<http://www.edu.gov.mb.ca/ks4/learnres/bibliographies.html>>.

## Kindergarten to Senior 2 Science

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Learning resources to support new science curricula for Kindergarten to Senior 1 are listed in this MTBB catalogue. These learning resources were identified in conjunction with the release of new science curricula over the past several years.

Descriptions of science learning resources are provided in the following annotated bibliographies:

- *Kindergarten to Grade 4 Science Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources (January 2000)* MTBB stock number 80357
- *Kindergarten to Grade 4 Science Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources: Addendum (November 2000)* Available online only.\*
- *Grade 5 to Senior 1 Science Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources (November 2000)* Available online only.\*
- *Kindergarten to Senior 1 Science Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources (September 2001)* Available online only.\*
- *Senior 2 Science Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources (June 2001)* Available online only.\*

\* Online annotated bibliographies can be found on the Department's website at <<http://www.edu.gov.mb.ca/ks4/learnres/bibliographies.html>>.

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## Senior 3 and Senior 4 Science

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New Senior Years science curricula, aligned with the *Common Framework of Science Learning Outcomes K to 12: Pan-Canadian Protocol for Collaboration on School Curriculum* (1997), promote the use of a variety of print and multimedia learning resources in different learning contexts. These curricula allow teachers the flexibility to build their programming around existing resources and/or new resources. For schools wanting to renew or add to their learning resources, new resources will be identified in conjunction with the release of curricula in the year prior to system-wide implementation.

If new texts have been purchased in recent years (prior to 2003) to support Senior 3 and Senior 4 science curricula in Biology, Chemistry, and Physics, it is anticipated that these texts will not necessarily continue to be completely curriculum congruent at those levels when new Pan-Canadian aligned curricula are implemented. As new curricula continue to be released across Senior 3 and Senior 4, the Transitional Senior Years (Senior 3 and Senior 4) and earlier (1983 and 1990 revision) science curricula will be phased out in succession. Once a new curriculum (e.g., Senior 3 Chemistry) reaches the system-wide implementation year, all previous curricula in that subject area are no longer viable. For complete listings of implementation/phase-out timelines, consult the Science Curriculum Updates page at <<http://www.edu.gov.mb.ca/ks4/cur/science/updates.html>>.

Pan-Canadian aligned Senior 3 Physics (30S) was made available for system-wide implementation for 2004-2005, with Senior 4 Physics (40S) available early in 2005. Manitoba-approved learning resources that are congruent with the new Senior 3 and Senior 4 Physics curricula are described in *Physics 30S and Physics 40S Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources* (2003). Available online at <<http://www.edu.gov.mb.ca/ks4/learnres/bibliographies.html>>.

Learning resources reviews for Senior 3 Biology (30S) and Senior 4 Biology (40S) were conducted in November 2004, and are listed under *Biology 30S and Biology 40S Learning Resources: Annotated Bibliography: A Reference for Selecting Learning Resources* (March 2005). Available online at <<http://www.edu.gov.mb.ca/ks4/learnres/bibliographies.html>>.

Senior 3 Chemistry (30S) and Senior 4 Chemistry (40S) learning resources reviews will occur during the 2005-2006 school year prior to voluntary implementation in 2006-2007 school year. **Please note** that new, emerging Chemistry learning resources at Senior Years (copyright date 2006) will go to press after the cut-off date for the formal reviews that were conducted in February 2006. Details related to these new offerings will be forthcoming following internal review.

Current system-wide implementation timelines for Senior Years science curricula are scheduled as follows.

<b>Senior Years Science Curriculum Implementation Schedule</b>					
<b>Curriculum</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Senior 2 Science (20F) (compulsory)	Continued system-wide implementation				
Senior 3 Current Topics in the Sciences (30S) (optional)	Pilot phase 2: Voluntary implementation	Voluntary implementation	System-wide implementation		
Senior 4 Interdisciplinary Topics in Science (40S) (optional)	Under development		Field validation phase	Voluntary implementation	System-wide implementation
Senior 3 Physics (30S) (optional)	Voluntary implementation	System-wide implementation			
Senior 4 Physics (40S) (optional)	Under development	Voluntary implementation	System-wide implementation		
Senior 3 Biology (30S) (optional)	Under development	Voluntary implementation		System-wide implementation	
Senior 4 Biology (40S) (optional)	Under development		Voluntary implementation		System-wide implementation
Senior 3 Chemistry (30S) (optional)	Under development		Voluntary implementation	System-wide implementation	
Senior 4 Chemistry (40S) (optional)	Under development			Voluntary implementation	System-side implementation
<b><i>Pan-Canadian Aligned Curricula Releases</i></b>					

# SCIENCE

## Early Years - Kindergarten to Grade 4

<u>Designations</u>	<u>Stock #</u>	<u>Title (Publisher Code) [Grade(s)]</u>	<u>Audience</u>	<u>Price</u>
<b>POLICY DOCUMENTS</b>				
	80420	Integrating Aboriginal Perspectives into Curricula: A Resource for Curriculum Developers, Teachers, and Administrators (2003) (DPT) [Grade K-S4]		\$7.75
<b>CURRICULUM DOCUMENTS</b>				
M	80346	Kindergarten to Grade 4 Science Manitoba Curriculum Framework of Outcomes (1999) (DPT) [Grade K-4]	T	\$8.45
M	80347	Kindergarten to Grade 4 Science: A Foundation For Implementation (1999) (DPT) [Grade K-4]	T	\$19.70
M	78589	Pan Canadian Common Framework of Science Learning Outcomes K-12 (DPT) [Grade K-S4]	T	\$14.65
<b>SUPPORT DOCUMENTS</b>				
	80357	K-4 Science Learning Resources Annotated Bibliography (January 2000) (DPT) [Grade K-4]	T	\$9.30
	85293	Science Safety: A Kindergarten to Senior 4 Resource Manual for Teachers, Schools, and School Divisions (1997) (DPT) [Grade K-S4]	T	\$7.95
<b>TEACHER REFERENCE MATERIALS</b>				
	8795	Active Assessment for Active Science- A Guide for Elementary School Teachers (PEA) by Hein, G. E; Price, S. [Grade K-6]	T	\$32.50
M	7953	All Aboard! Cross-Curricular Design and Technology Strategies and Activities (1996) (TRBI) [Grade K-4]	T	\$10.50
<b>Art and Science Connection, The</b>				
M	7967	Art and Science Connection: Hand On Activities for Intermediate Students (1994) (PEA) [Grade K-4]	T	\$41.85
M	7968	Art and Science Connection: Hand On Activities for Primary Students (1993) (PEA) [Grade K-3]	T	\$41.85
*** End of Series ***				
<b>Blueprints</b>				
M	SP	7956 Technology Key Stage 1 (1996) (BH) [Grade K-3]	T	\$29.95
M	SP	7957 Technology Key Stage 2 (1996) (BH) [Grade K-4]	T	\$29.95
*** End of Series ***				
	8794	Creating Scientific Communities in the Elementary Classroom (PEA) by Reddy, M; Jacobs, P. [Grade K-4]	T	\$29.70
	8855	Greening School Grounds: Creating Habitats for Learning (GT) by Grant, Tim & Littlejohn, Gail [Grade K-8]	T	\$22.65
M	7954	Imagineering: A "Yes, We, Can!" Source Book For Early Technology Experiences (1999) (TRI) [Grade K-3]	T	\$19.75
M	9006	Inventeering: A Problem Solving Approach to Teaching Technology (2001) (BRO) [Grade K-8]	T	\$27.75
M	7970	Puddle questions for Science: Performance Assessment Investigations Grade 2 (CRE) [Grade 2]	T	\$39.50

**New** - New This Year

**W** - WNCPC Recommended

**M** - Manitoba Recommended (after 1998)

**R** - Recommended (prior to 1998)

**\*** - To Be Deleted 2008-2009

**\*\*** - To Be Deleted 2007-2008

**OP** - Out of Print

**SP** - Special Order

**S** - Student Resource

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**SCIENCE**

**WHEN USING GRANT FUNDS THROUGH MTBB, PURCHASES ARE G.S.T. EXEMPT**

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<b>TEACHER REFERENCE MATERIALS</b>				
	8796	Science & Language Links Classroom Implications (NE) by Scott, J. [Grade K-8]	T	\$21.20
	9332	Science & Technology Through Nursery Rhymes (TTS) [Grade K-4]	T	\$28.15
	9331	Science & Technology Through Traditional Tales (TTS) [Grade K-4]	T	\$28.15
M	7977	SMART (Investigating the World of Science Mathematics and Real Technology) (1994) (EXCL) [Grade 4]	T	\$32.90
M	7955	Take A Technowalk: To Learn About Materials & Structures (1997) (TRI) [Grade 3]	T	\$14.45
M	9007	Take a Technowalk: To Learning About Mechanisms and Energy (2000) (BRO) [Grade K-8]	T	\$25.30
	9329	What is a Scientist? (FW) [Grade K-4]	T	\$8.55
<b>STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology</b>				
M	8347	Addison Wesley Science & Technology Program Overview: Grades 3-6 (PEA) [Grade 3-6]	T	\$12.90
<b>*** End of Series ***</b>				
M	7976	Design & Technology System (1997) (EXCL) by A. McKay [Grade 2-8]	T	\$39.50
	8233	Discover Agriculture: Science Projects for Gr 4-6 students and Discover Agriculture Science Curr Activities for teachers (AG) [Grade K-8]	T	\$5.15
<b>Pan Canadian Science Place</b>				
M	8666	Pan Canadian Science Place Program & Assessment Guide 1-3 (SB) [Grade 1-3]	T	\$39.55
M	8667	Pan Canadian Science Place Program & Assessment Guide 4-6 (SB) [Grade 4-6]	T	\$43.90
	8491	Pan Canadian Science Place Tote Bag (SB) [Grade 1-6]	T	\$8.75 X
<b>*** End of Series ***</b>				
M	9021	Sci-Tech Connections: Brainline Masters Resource 4-8 (2001) (CURR) [Grade 4-8]	T	\$39.50
<b>GRADE K - STUDENT LEARNING RESOURCES</b>				
M	7971	Tree Homes - Teacher's Guide (1999) (SPEC) [Grade K]	T	\$24.65
<b>GRADE 1 - STUDENT LEARNING RESOURCES</b>				
<b>Hands on Science 1</b>				
M	47202	Hands On Science - Level 1 Teacher's Resource Book (Includes Teacher Lesson Plans, BLM & Student Material) ( 1999) (PEG) by Lawson, J. [Grade 1]	T	\$83.80
<b>*** End of Series ***</b>				
M	SP	7948 Living Things (1997) (KH) [Grade 1]	T	\$128.00
<b>Pan Canadian Science Place 1</b>				
M	8453	Pan Canadian Science Place - Design Team Student Text (SB) [Grade 1]	S	\$5.50
M	8454	Pan Canadian Science Place - Design Team Teacher's Guide-Manitoba Edition (SB) [Grade 1]	T	\$34.60
M	8455	Pan Canadian Science Place - Earth Watch Student Text (SB) [Grade 1]	S	\$5.50
M	8456	Pan Canadian Science Place - Earth Watch Teacher's Guide- Manitoba Edition (SB) [Grade 1]	T	\$34.60
M	8449	Pan Canadian Science Place - It's Alive Student Text (SB) [Grade 1]	S	\$5.50
M	8450	Pan Canadian Science Place - It's Alive Teacher Guide- Manitoba Edition (SB) [Grade 1]	T	\$34.60

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<b>GRADE 1 - STUDENT LEARNING RESOURCES</b>				
<b>Pan Canadian Science Place 1</b>				
M	8451	Pan Canadian Science Place - What's It Like? Student Text (SB) [Grade 1]	S	\$5.50
M	8452	Pan Canadian Science Place - What's It Like? Teacher's Guide-Manitoba Edition (SB) [Grade 1]	T	\$34.60
<b>*** End of Series ***</b>				
M	7941	Sense-able Science (1994) (SPEC) [Grade 1]	T	\$35.50
M	SP 7949	Senses, The (1997) (KH) [Grade 1]	T	\$128.00
M	SP 7946	Testing Materials - Student Text (1999) (KH) [Grade 1]	S	\$16.05
M	SP 7947	Testing Materials - Teacher's Edition (1999) (KH) [Grade 1]	T	\$64.05
<b>GRADE 2 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 2</b>				
M	9013	Addison Wesley Science & Technology 2 All About Animals (2000) (PEA) [Grade 2]	S	\$5.50
M	9016	Addison Wesley Science & Technology 2 Flip Chart Book Grade 2 (2000) (PEA) [Grade 2]	S	\$89.45
M	9014	Addison Wesley Science & Technology 2 In the Kitchen (2000) (PEA) [Grade 2]	S	\$5.50
M	9015	Addison Wesley Science & Technology 2 Mechanics at Work (2000) (PEA) [Grade 2]	S	\$5.50
M	9017	Addison Wesley Science & Technology 2 Teacher's Guide Grade 2 (2000) (PEA) [Grade 2]	T	\$59.65
M	9018	Addison Wesley Science & Technology 2 Weather Watch (2000) (PEA) [Grade 2]	S	\$5.50
<b>*** End of Series ***</b>				
<b>Hands on Science 2</b>				
M	47203	Hands On Science - Level 2 Teacher's Resource Book (Includes Teacher Lesson Plans, BLM & Student Material) (1999) (PEG) by Lawson, J. [Grade 2]	T	\$83.80
<b>*** End of Series ***</b>				
M	SP 7944	Investigating Position & Motion - Student Text (1999) (KH) [Grade 2]	S	\$16.05
M	SP 7945	Investigating Position & Motion - Teacher's Edition (KH) [Grade 2]	T	\$64.05
<b>Pan Canadian Science Place 2</b>				
M	8463	Pan Canadian Science Place - Air and Water Student Text (SB) [Grade 2]	S	\$6.15
M	8464	Pan Canadian Science Place - Air and Water Teacher's Guide - Manitoba Edition (SB) [Grade 2]	T	\$34.60
M	8457	Pan Canadian Science Place - Animals Grow Student Text (SB) [Grade 2]	S	\$6.15
M	8458	Pan Canadian Science Place - Animals Grow Teacher's Guide - Manitoba Edition (SB) [Grade 2]	T	\$34.60
M	8459	Pan Canadian Science Place - Matter, Matter Everywhere Student Text (SB) [Grade 2]	S	\$6.15
M	8460	Pan Canadian Science Place - Matter, Matter Everywhere Teacher's Guide - Manitoba Edition (SB) [Grade 2]	T	\$34.60
M	8461	Pan Canadian Science Place - Move It! Student Text (SB) [Grade 2]	S	\$6.15
M	8462	Pan Canadian Science Place - Move It! Teacher's Guide - Manitoba Edition (SB) [Grade 2]	T	\$34.60
<b>*** End of Series ***</b>				

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<b>GRADE 3 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 3</b>				
M	8501	Addison Wesley Science & Technology 3 Plant Growth Student Text (PEA) by Armstrong, J. [Grade 3]	S	\$10.70
M	8500	Addison Wesley Science & Technology 3 Plant Growth Teacher's Guide (2000) (PEA) [Grade 3]	T	\$31.35
M	8498	Addison Wesley Science & Technology 3 Soil Student Text (PEA) by Armstrong, J. [Grade 3]	S	\$10.70
M	8502	Addison Wesley Science & Technology 3 Soil Teacher's Guide (PEA) [Grade 3]	T	\$31.35
<b>*** End of Series ***</b>				
M	SP 7942	Designing Structures - Student text (1999) (KH) [Grade 3]	S	\$16.05
M	SP 7943	Designing Structures - Teacher's Edition (1999) (KH) [Grade 3]	T	\$64.05
<b>Hands on Science 3</b>				
M	47204	Hands On Science - Level 3 Teacher's Resource Book (Includes Teacher Lesson Plans, BLM & Student Material) (1999) (PEG) by Lawson, J. [Grade 3]	T	\$83.80
<b>*** End of Series ***</b>				
M	7981	Magnets (1997) (SAUN) [Grade 3]	T	\$22.65
<b>Pan Canadian Science Place 3</b>				
M	8467	Pan Canadian Science Place - Build It Up! Student Text (SB) [Grade 3]	S	\$6.15
M	8468	Pan Canadian Science Place - Build It Up! Teacher's Guide - Manitoba Edition (SB) [Grade 3]	T	\$34.60
M	8471	Pan Canadian Science Place - Down Under Student Text (SB) [Grade 3]	S	\$6.15
M	8472	Pan Canadian Science Place - Down Under Teacher's Guide - Manitoba Edition (SB) [Grade 3]	T	\$34.60
M	8469	Pan Canadian Science Place - Invisible Power Student Text (SB) [Grade 3]	S	\$6.15
M	8470	Pan Canadian Science Place - Invisible Power Teacher's Guide - Manitoba Edition (SB) [Grade 3]	T	\$34.60
M	8465	Pan Canadian Science Place - Watch It Grow! Student Text (SB) [Grade 3]	S	\$6.15
M	8466	Pan Canadian Science Place - Watch It Grow! Teacher's Guide - Manitoba Edition (SB) [Grade 3]	T	\$34.60
<b>*** End of Series ***</b>				
M	SP 9019	Sci-Tech Connections 3: Brainline Masters Resource 1-3 (2001) (CURR) [Grade 3]	T	\$39.50
M	9020	Sci-Tech Connections 3: The Twins Get all Charged Up (2001) (CURR) [Grade 3]	T	\$37.50

**GRADE 4 - STUDENT LEARNING RESOURCES**

<b>Addison Wesley Science &amp; Technology 4</b>				
M	7963	Addison Wesley Science & Technology 4 Habitats Student Text (1999) (PEA) [Grade 4]	S	\$10.70
M	8499	Addison Wesley Science & Technology 4 Habitats Teacher's Guide (2000) (PEA) [Grade 4]	T	\$31.35
M	7964	Addison Wesley Science & Technology 4 Light Student Text (1999) (PEA) [Grade 4]	S	\$10.70
M	8505	Addison Wesley Science & Technology 4 Light Teacher's Guide (PEA) [Grade 4]	T	\$31.35
M	7965	Addison Wesley Science & Technology 4 Rocks and Minerals Student Text (1999) (PEA) [Grade 4]	S	\$10.70
M	8504	Addison Wesley Science & Technology 4 Rocks and Minerals Teacher's Guide (2000) (PEA) [Grade 4]	T	\$31.35

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<b>GRADE 4 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 4</b>				
M	7966	Addison Wesley Science & Technology 4 Sound Student Text (1999) (PEA) [Grade 4]	S	\$10.70
M	8503	Addison Wesley Science & Technology 4 Sound Teacher's Guide (PEA) [Grade 4]	T	\$31.35
<b>*** End of Series ***</b>				
M	9023	Habitats and Communities Student Journal (2000) (GTK) [Grade 4]	S	\$5.95
M	9024	Habitats and Communities Teacher's Guide (2000) (GTK) [Grade 4]	T	\$17.60
<b>Hands on Science 4</b>				
M	47205	Hands On Science - Level 4 Teacher's Resource Book (Includes Teacher Lesson Plans, BLM & Student Material) (1999) (PEG) by Lawson, J. [Grade 4]	T	\$83.80
<b>*** End of Series ***</b>				
<b>Nature Detectives - The Living World Science Series</b>				
M	7983	Cedar Club Forest Detectives, The - Student Text (1996) (PEP) [Grade 4]	S	\$8.75
M	SP 7984	Cedar Club Forest Detectives, The - Teachers Guides (1997) (PEP) [Grade 4]	T	\$19.95
M	SP 7986	Central School Seashore Detectives, The - Teachers Guide (1997) (PEP) [Grade 4]	T	\$19.95
M	SP 7985	Central School Seashore Detectives, The, Student Text (1997) (PEP) [Grade 4]	S	\$7.95
M	7987	Gibson Grassland Detectives, The - Student Text (1997) (PEP) [Grade 4]	S	\$8.70
M	SP 7988	Gibson Park Grassland Detectives, The - Teachers Guide (1997) (PEP) [Grade 4]	T	\$19.95
M	7989	Kingfisher Camp River Detectives, The - Student Text (1998) (PEP) [Grade 4]	S	\$8.75
M	SP 7990	Kingfisher Camp River Detectives, The - Teachers Guide (1998) (PEP) [Grade 4]	T	\$19.95
M	7991	Sixth Street Wetlands Detectives, The, Student Text (PEP) [Grade 4]	S	\$10.25
<b>*** End of Series ***</b>				
<b>Pan Canadian Science Place 4</b>				
M	8473	Pan Canadian Science Place - Healthy Habitats Student Text (SB) [Grade 4]	S	\$7.90
M	8474	Pan Canadian Science Place - Healthy Habitats Teacher's Guide - Manitoba Edition (SB) [Grade 4]	T	\$34.60
	8475	Pan Canadian Science Place - Light Up Your Life Student Text (SB) [Grade 4]	S	\$7.90
	8476	Pan Canadian Science Place - Light Up Your Life Teacher's Guide- Manitoba Edition (SB) [Grade 4]	T	\$34.60
M	8479	Pan Canadian Science Place - Rockhound Student Text (SB) [Grade 4]	S	\$7.90
M	8480	Pan Canadian Science Place - Rockhound Teacher's Guide - Manitoba Edition (SB) [Grade 4]	T	\$34.60
M	8477	Pan Canadian Science Place - Sounds Good Student Text (SB) [Grade 4]	S	\$7.90
M	8478	Pan Canadian Science Place - Sounds Good Teacher's Guide - Manitoba Edition (SB) [Grade 4]	T	\$34.60
<b>*** End of Series ***</b>				
M	7940	Primarily Physics (1994) (SPEC) [Grade 4]	T	\$36.70
M	9025	Rocks, Minerals, and Erosion Student Journal (2000) (GTK) [Grade 4]	S	\$5.95
M	9026	Rocks, Minerals, and Erosion Teacher's Guide (2000) (GTK) [Grade 4]	T	\$17.60
M	7978	Science Everywhere 4 - Student Text Book (1999) (NE) [Grade 4]	S	\$36.50

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<b>GRADE 4 - STUDENT LEARNING RESOURCES</b>				
M	8448	Science Everywhere 4 - Teacher's Guide (1999) (NE) [Grade 4]	T	\$128.40
M	9022	Sci-Tech Connections 4: Light, Sound, Action (2001) (CURR) [Grade 4]	T	\$37.50
<b>KITS</b>				
M	8026	Ear, The (Book Plus Kit) (SPEC) [Grade 4]	S	\$26.65
M	7939	Lego Duplo Early Simple Machines II Activity Pack, 40-page Teacher Guide (1994) (SPEC) [Grade 2]	T	\$34.70
M	7938	Lego Duplo Early Simple Machines II Set, (99 pieces and storage bin) (1998) (SPEC) [Grade 2]	S	\$118.25
M	8024	Lifecycle Of A Chicken (Book Plus Kit) (SPEC) [Grade 2]	S	\$26.65
M	8025	Lifecycle Of A Frog (Book Plus Kit) (SPEC) [Grade 2]	S	\$26.65
<b>SOFTWARE</b>				
M	7950	Digital Field Trip to the Wetlands CD- ROM (1998) (DIG) [Grade 4, 7]	S	\$81.50 X
M	8419	Digital Field Trip to the Wetlands Teacher's Guide and User's Guide (DIG) [Grade 4, 7]	T	\$32.95
M	7962	Light and Sound CD-ROM (1997) (GA) [Grade 4]	S	\$103.55 X
<b>VIDEOS</b>				
<b>African Plant Explorer</b>				
M	SP	8014 African Plant Explorer - Biography of Fatimah Jackson (free download from supplier) (CLC) [Grade 3-4]	S	\$0.00
M	SP	8013 African Plant Explorer- Stud. Activity Bk (available free from Canadian Learning Company website) (CLC) [Grade 3-4]	S	\$0.00
<b>*** End of Series ***</b>				
M		8023 Ants (VHS)- Bug City (SM) [Grade 2]	S	\$47.51
<b>Backyard Safari Series</b>				
M	SP	8016 Backyard Safari Teacher's Guide (CLC) [Grade K-2]	S	\$29.95
M	SP	8017 Birds (VHS)- The Backyard Safari (CLC) [Grade 2]	S	\$89.95 X
M	SP	8018 Butterflies (VHS)- The Backyard Safari (CLC) [Grade 2]	T	\$89.95 X
M	SP	8020 Paper (VHS) - The Backyard Safari (CLC) [Grade K]	T	\$89.95 X
M	SP	8021 Trees (VHS)- The Backyard Safari (CLC) [Grade K]	T	\$89.95 X
<b>*** End of Series ***</b>				
M	SP	8019 Butterflies: Amazing Insects (VHS) (CLC) [Grade 2]	S	\$89.95 X
M		8006 Creatures Of The Sun: A Natural History of the Painted Turtle (VHS) (1997) (NFB) [Grade 4]	S	\$51.45
M		8022 Ear Ye, Hear Ye: Exploring the Science of Hearing (VHS)- Listening to Learn (FILM) [Grade 4]	S	\$249.15
M	SP	8012 Mammal Mothers And Babies (VHS) (ITF) [Grade 2]	S	\$59.95 X
M	SP	8030 Paper (VHS)- Materials We Need (ITF) [Grade K-1]	S	\$59.95 X
<b>Real World Science Series</b>				
M		8027 Rocks and Minerals (VHS)-Real World Science (SUN) [Grade 4]	S	\$72.05
M		8029 Seeds and Plants (VHS)- Real World Science (SUN) [Grade 3]	S	\$72.05
M		8010 Trash And The Enviroment (VHS)- Real World Science (KINC) [Grade K-4]	S	\$74.15
<b>*** End of Series ***</b>				
M	SP	8028 Science of Exploration, The (VHS) (SUN) [Grade 4]	S	\$80.95 X
M	SP	8005 Water And Weather (VHS)- Nature Knows Best (OMEGA) [Grade 2]	S	\$146.00

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## Middle Years - Grade 5 to Grade 8

<u>Designations</u>	<u>Stock #</u>	<u>Title (Publisher Code) [Grade(s)]</u>	<u>Audience</u>	<u>Price</u>
<b>POLICY DOCUMENTS</b>				
	80420	Integrating Aboriginal Perspectives into Curricula: A Resource for Curriculum Developers, Teachers, and Administrators (2003) (DPT) [Grade K-S4]		\$7.75
<b>CURRICULUM DOCUMENTS</b>				
M	80363	Grade 5 - 8 Science: A Foundation for Implementation (2000) [Grade 5-8]	T	\$27.90
M	80362	Grade 5 - 8 Science: Manitoba Curriculum Framework of Outcomes (2000) (DPT) [Grade 5-8]	T	\$9.70
M	80366	Grades 5 - 8 Science Curriculum Framework of Outcomes Set of 10 Posters (DPT) [Grade 5-8]	T	\$11.70
M	78589	Pan Canadian Common Framework of Science Learning Outcomes K-12 (DPT) [Grade K-S4]	T	\$14.65
<b>SUPPORT DOCUMENTS</b>				
	85293	Science Safety: A Kindergarten to Senior 4 Resource Manual for Teachers, Schools, and School Divisions (1997) (DPT) [Grade K-S4]	T	\$7.95
<b>TEACHER REFERENCE MATERIALS</b>				
	8795	Active Assessment for Active Science- A Guide for Elementary School Teachers (PEA) by Hein, G. E; Price, S. [Grade K-6]	T	\$32.50
SP	8797	Addison-Wesley Science Handbook, The (1st Ed.) (PEA) by Coleman, G.J, & Dewar, D. [Grade 5-8]	T	\$21.90
M	8416	By Design: Technology Exploration & Integration (1996) (TRI) by Czeneda, J. [Grade 6-8]	T	\$19.75
	9756	Canadian Agriculture at a Glance (A Bilingual Resource) (2001) (STAT) by Statistics Canada [Grade 5-S4]	T	\$37.65
M	8417	Discover Flight (EXCL) by Simpson, E. [Grade 6]	T	\$32.90
	8855	Greening School Grounds: Creating Habitats for Learning (GT) by Grant, Tim & Littlejohn, Gail [Grade K-8]	T	\$22.65
<b>Human Activity and the Environment</b>				
	9757	Human Activity and the Environment (A CD version is included) (2000) (STAT) by Statistics Canada [Grade 5-S4]	T	\$57.65 X
	9758	Human Activity and the Environment Annual Statistics (A CD version is included) (2002) (STAT) by Statistics Canada [Grade 5-S4]	T	\$35.35 X
<b>*** End of Series ***</b>				
	8793	Inventa Book of Mechanisms, The (1st Ed.) (VTL) by Catlin, D. [Grade 5-8]	T	\$38.85
	9333	Inventa Book of Structures, The (TTS) [Grade 5-8]	T	\$38.85
M	9006	Inventeering: A Problem Solving Approach to Teaching Technology (2001) (BRO) [Grade K-8]	T	\$27.75
M	8418	Mathematics, Science, & Technology Connections (1996) (TRI) by Corney, B. [Grade 5-8]	T	\$19.75
	9335	Move It - With Water and Air (TTS) [Grade 5-8]	T	\$5.20
	9334	Move It Further - With Air or Water (TTS) [Grade 5-8]	T	\$10.40
	8796	Science & Language Links Classroom Implications (NE) by Scott, J. [Grade K-8]	T	\$21.20
	9330	Sciencesaurus - A Student Handbook ( Softcover) (2002) (NE) [Grade 5-8]	T	\$32.55

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**SCIENCE**

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<b>TEACHER REFERENCE MATERIALS</b>				
	9336	Sciencesaurus - A Student Handbook (Hardcover) (2002) (NE) [Grade 5-8]	T	\$39.50
M	9007	Take a Technowalk: To Learning About Mechanisms and Energy (2000) (BRO) [Grade K-8]	T	\$25.30
	9328	Teaching About Climate Change (RAIN) [Grade 5-S4]	T	\$10.50
<b>STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology</b>				
M	8347	Addison Wesley Science & Technology Program Overview: Grades 3-6 (PEA) [Grade 3-6]	T	\$12.90
M	8355	Addison Wesley Science & Technology Program Overview: Grades 7-8 (PEA) [Grade 7-8]	T	\$30.35
<b>*** End of Series ***</b>				
M	7976	Design & Technology System (1997) (EXCL) by A. McKay [Grade 2-8]	T	\$39.50
	8233	Discover Agriculture: Science Projects for Gr 4-6 students and Discover Agriculture Science Curr Activities for teachers (AG) [Grade K-8]	T	\$5.15
<b>Nelson Science &amp; Technology</b>				
M	8372	Nelson Science & Technology Skills Handbook (NE) by A. McKay [Grade 7-8]	T	\$22.70
<b>*** End of Series ***</b>				
<b>Pan Canadian Science Place</b>				
M	8667	Pan Canadian Science Place Program & Assessment Guide 4-6 (SB) [Grade 4-6]	T	\$43.90
	8491	Pan Canadian Science Place Tote Bag (SB) [Grade 1-6]	T	\$8.75 X
<b>*** End of Series ***</b>				
M	9021	Sci-Tech Connections: Brainline Masters Resource 4-8 (2001) (CURR) [Grade 4-8]	T	\$39.50
<b>GRADE 5 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 5</b>				
M	8348	Addison Wesley Science & Technology 5 Changes in Matter Student Text (PEA) by A. McKay [Grade 5]	S	\$10.70
M	8349	Addison Wesley Science & Technology 5 Changes in Matter Teacher's Guide (PEA) by A. McKay [Grade 5]	T	\$31.35
M	8350	Addison Wesley Science & Technology 5 Weather Student Text (PEA) [Grade 5]	S	\$10.70
M	8351	Addison Wesley Science & Technology 5 Weather Teacher's Guide (PEA) [Grade 5]	T	\$31.35
<b>*** End of Series ***</b>				
M	47206	Hands on Science - Level 5 Teacher's Resource Book(Includes Teacher Lesson Plans, BLM & Student Material) (1999) (PEG) [Grade 5]	T	\$83.80
M	8991	Human Organs Student Journal (2000) (GTK) [Grade 5]	S	\$5.95
M	8992	Human Organs Teacher's Guide (2000) (GTK) [Grade 5]	T	\$17.60
<b>Pan Canadian Science Place 5</b>				
M	8402	Pan Canadian Science Place - Body Works Student Text (SB) [Grade 5]	S	\$7.90
M	8403	Pan Canadian Science Place - Body Works Teacher's Guide - Manitoba Edition (SB) [Grade 5]	T	\$34.60
M	8483	Pan Canadian Science Place - Putting It In Motion Student Text (SB) [Grade 5]	S	\$7.90
M	8484	Pan Canadian Science Place - Putting it in Motion Teacher's Guide- Maniotba Edition (SB) [Grade 5]	T	\$34.60

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<b>GRADE 5 - STUDENT LEARNING RESOURCES</b>				
		<b>Pan Canadian Science Place 5</b>		
<b>M</b>	<b>8404</b>	Pan Canadian Science Place - Weatherwise Student Text (SB) [Grade 5]	<b>S</b>	\$7.90
<b>M</b>	<b>8405</b>	Pan Canadian Science Place - Weatherwise Teacher's Guide - Manitoba Edition (SB) [Grade 5]	<b>T</b>	\$34.60
<b>M</b>	<b>8481</b>	Pan Canadian Science Place - What's the Matter? Student Text (SB) [Grade 5]	<b>S</b>	\$7.90
<b>M</b>	<b>8482</b>	Pan Canadian Science Place - What's the Matter? Teacher's Guide-Manitoba Edition (SB) [Grade 5]	<b>T</b>	\$34.60
		<b>*** End of Series ***</b>		
<b>M</b>	<b>8985</b>	Sci-Tech Connections 4: A Visit to a Castle (2001) (CURR) [Grade 5]	<b>T</b>	\$37.50
<b>GRADE 6 - STUDENT LEARNING RESOURCES</b>				
		<b>Addison Wesley Science &amp; Technology 6</b>		
<b>M</b>	<b>8353</b>	Addison Wesley Science & Technology 6 Space Student Text (PEA) [Grade 6]	<b>S</b>	\$10.70
<b>M</b>	<b>8354</b>	Addison Wesley Science & Technology 6 Space Teacher's Guide (PEA) [Grade 6]	<b>T</b>	\$31.35
		<b>*** End of Series ***</b>		
<b>M</b>	<b>8989</b>	Diversity of Living Things Student Journal (2000) (GTK) [Grade 6]	<b>S</b>	\$5.95
<b>M</b>	<b>8990</b>	Diversity of Living Things Teacher's Guide (2000) (GTK) [Grade 6]	<b>T</b>	\$17.60
<b>M</b>	<b>47207</b>	Hands on Science - Level 6 Teacher's Resource Book (Includes Teacher Lesson Plans, BLM & Student Material) (1999) (PEG) [Grade 6]	<b>T</b>	\$83.80
		<b>Pan Canadian Science Place 6</b>		
<b>M</b>	<b>8489</b>	Pan Canadian Science Place - Out Of This World Student Text (SB) [Grade 6]	<b>S</b>	\$7.90
<b>M</b>	<b>8490</b>	Pan Canadian Science Place - Out Of This World Teacher's Guide-Manitoba Edition (SB) [Grade 6]	<b>T</b>	\$34.60
	<b>8487</b>	Pan Canadian Science Place - The Sky's The Limit Student Text (SB) [Grade 6]	<b>S</b>	\$7.90
	<b>8488</b>	Pan Canadian Science Place - The Sky's The Limit Teacher's Guide-Manitoba Edition (SB) [Grade 6]	<b>T</b>	\$34.60
	<b>8485</b>	Pan Canadian Science Place - Turn It On! Student Text (SB) [Grade 6]	<b>S</b>	\$7.90
	<b>8486</b>	Pan Canadian Science Place - Turn It On! Teacher's Guide-Manitoba Edition (SB) [Grade 6]	<b>T</b>	\$34.60
<b>M</b>	<b>8406</b>	Pan Canadian Science Place - Variety of Life Student Text (SB) [Grade 6]	<b>S</b>	\$7.90
<b>M</b>	<b>8407</b>	Pan Canadian Science Place - Variety of Life Teacher's Guide - Manitoba Edition (SB) [Grade 6]	<b>T</b>	\$34.60
		<b>*** End of Series ***</b>		
<b>M</b>	<b>8408</b>	Science Everywhere 6 Student Text (NE) [Grade 6]	<b>S</b>	\$36.50
<b>M</b>	<b>8409</b>	Science Everywhere 6 Teacher's Guide (NE) by Asseltine, L. [Grade 6]	<b>T</b>	\$128.40
<b>GRADE 7 - STUDENT LEARNING RESOURCES</b>				
		<b>Addison Wesley Science &amp; Technology 7</b>		
<b>M</b>	<b>8356</b>	Addison Wesley Science & Technology 7 (Student Text) (PEA) by Chan, C. [Grade 7]	<b>S</b>	\$55.20
<b>M</b>	<b>8357</b>	Addison Wesley Science & Technology 7 Ecosystems Student Text (PEA) by Chan, C. [Grade 7]	<b>S</b>	\$18.85
<b>M</b>	<b>8358</b>	Addison Wesley Science & Technology 7 Ecosystems Teacher's Guide (PEA) by Chan, C. [Grade 7]	<b>T</b>	\$45.25
<b>M</b>	<b>8359</b>	Addison Wesley Science & Technology 7 Heat Student Text (PEA) by Chan, C. [Grade 7]	<b>S</b>	\$18.85

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<b>GRADE 7 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 7</b>				
M	8360	Addison Wesley Science & Technology 7 Heat Teacher's Guide (PEA) by Chan, C. [Grade 7]	T	\$45.25
M	8361	Addison Wesley Science & Technology 7 Mixtures Student Text (PEA) by Chan, C. [Grade 7]	S	\$18.85
M	8362	Addison Wesley Science & Technology 7 Mixtures Teacher's Guide (PEA) by Chan, C. [Grade 7]	T	\$45.25
M	8363	Addison Wesley Science & Technology 7 The Earth's Crust Student Text (PEA) by Chan, C. [Grade 7]	S	\$18.85
M	8364	Addison Wesley Science & Technology 7 The Earth's Crust Teacher's Guide (PEA) by Chan, C. [Grade 7]	T	\$45.25
<b>*** End of Series ***</b>				
<b>Nelson Science &amp; Technology 7</b>				
M	8371	Nelson Science & Technology 7 Student Text (NE) by Bloch, M. [Grade 7]	S	\$72.10
M	8982	Nelson Science & Technology 7 Computerized Assessment Bank (2000) (NE) [Grade 7]	T	\$296.30 X
M	8373	Unit 1: Pure Substances and Mixtures Student Module (NE) by Bloch, M. [Grade 7]	S	\$15.80
M	8374	Unit 1: Pure Substances and Mixtures Teacher's Resource (NE) by Bloch, M. [Grade 7]	T	\$93.80
M	8375	Unit 1: Pure Substances and Mixtures Transparencies (NE) by Bloch, M. [Grade 7]	T	\$42.45
M	8376	Unit 2: Heat Student Module (NE) by Bloch, M. [Grade 7]	S	\$15.80
M	8377	Unit 2: Heat Teacher's Resource (NE) by Bloch, M. [Grade 7]	T	\$93.80
M	8378	Unit 2: Heat Transparencies (NE) by Bloch, M. [Grade 7]	T	\$42.45
M	8379	Unit 3: Structural Strength and Stability Student Module (NE) by Bloch, M. [Grade 7]	S	\$15.80
M	8380	Unit 3: Structural Strength and Stability Teacher's Resource (NE) by Bloch, M. [Grade 7]	T	\$93.80
M	8381	Unit 3: Structural Strength and Stability Transparencies (NE) by Bloch, M. [Grade 7]	T	\$42.45
M	8382	Unit 4: The Earth's Crust Student Module (NE) by Bloch, M. [Grade 7]	S	\$15.80
M	8383	Unit 4: The Earth's Crust Teacher's Resource (NE) by Bloch, M. [Grade 7]	T	\$93.80
M	8384	Unit 4: The Earth's Crust Transparencies (NE) by Bloch, M. [Grade 7]	T	\$42.45
M	8385	Unit 5: Interactions Within Ecosystems Student Module (NE) by Bloch, M. [Grade 7]	S	\$15.80
M	8386	Unit 5: Interactions Within Ecosystems Teacher's Resource (NE) by Bloch, M. [Grade 7]	T	\$93.80
M	8387	Unit 5: Interactions Within Ecosystems Transparencies (NE) by Bloch, M. [Grade 7]	T	\$42.45
<b>*** End of Series ***</b>				
<b>Sciencepower 7</b>				
M	8410	Sciencepower 7 Student Text (MH) [Grade 7]	S	\$65.40
M	8411	Sciencepower 7 Teacher's Resource Binder (MH) [Grade 7]	T	\$272.30
M	8993	Sciencepower 7 Blackline Masters (2000) (MH) [Grade 7]	T	\$252.60
M	8994	Sciencepower 7 Computerized Assessment Bank CD Rom (2000) (MH) [Grade 7]	T	\$324.05 X
M	8995	Sciencepower 7 Video Modules (2000) (MH) [Grade 7]	ST	\$210.40 X
<b>*** End of Series ***</b>				
M	8986	Sci-Tech Connections 7: Structural Interactions Unit 7A (2001) (CURR) [Grade 7]	T	\$37.50

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<b>GRADE 7 - STUDENT LEARNING RESOURCES</b>				
M	8987	Sci-Tech Connections 7: The Solution is... Unit 7B (2001) (CURR) [Grade 7]	T	\$37.50
<b>GRADE 8 - STUDENT LEARNING RESOURCES</b>				
<b>Addison Wesley Science &amp; Technology 8</b>				
M	8366	Addison Wesley Science & Technology 8 Optics Student Text (PEA) by Chan, C. [Grade 8]	S	\$18.85
M	8367	Addison Wesley Science & Technology 8 Optics Teacher's Guide (PEA) by Chan, C. [Grade 8]	T	\$45.25
<b>*** End of Series ***</b>				
M	SP 9003	Experimenting with Light and Colour Teacher's Guide (2001) (TRI) [Grade 8]	T	\$3.30
<b>Nelson Science &amp; Technology 8</b>				
M	8389	Nelson Science & Technology 8 Student Text (NE) by A. McKay [Grade 8]	S	\$72.10
M	8983	Nelson Science & Technology 8 Computerized Assessment Bank (2000) (NE) [Grade 8]	T	\$295.60 X
M	8392	Unit 1: Cells, Tissues, Organs and Systems Transparencies (NE) by A. McKay [Grade 8]	T	\$42.45
M	8388	Unit 1: Cells, Tissues, Organs, and Systems Student Module (NE) by A. McKay [Grade 8]	S	\$15.80
M	8391	Unit 1: Cells, Tissues, Organs, and Systems Teacher's Resource (NE) by A. McKay [Grade 8]	T	\$93.80
M	8393	Unit 2: Fluids Student Module (NE) by A. McKay [Grade 8]	S	\$15.80
M	8394	Unit 2: Fluids Teacher's Resource (NE) by A. McKay [Grade 8]	T	\$93.80
M	8395	Unit 2: Fluids Transparencies (NE) by A. McKay [Grade 8]	T	\$42.45
M	8396	Unit 4: Water Systems Student Module (NE) by A. McKay [Grade 8]	S	\$15.80
M	8397	Unit 4: Water Systems Teacher's Resource (NE) by A. McKay [Grade 8]	T	\$93.80
M	8398	Unit 4: Water Systems Transparencies (NE) by A. McKay [Grade 8]	T	\$42.45
M	8399	Unit 5: Optics Student Module (NE) by Hirsch, A. [Grade 8]	S	\$15.80
M	8400	Unit 5: Optics Teacher's Resource (NE) by A. McKay [Grade 8]	T	\$93.80
M	8401	Unit 5: Optics Transparencies (NE) by A. McKay [Grade 8]	T	\$42.45
<b>*** End of Series ***</b>				
<b>Sciencepower 8</b>				
M	8412	Sciencepower 8 Student Text (MH) [Grade 8]	S	\$65.40
M	8413	Sciencepower 8 Teacher's Resource Binder (MH) [Grade 8]	T	\$272.30
M	8996	Sciencepower 8 Blackline Masters (2000) (MH) [Grade 8]	T	\$252.60
M	8997	Sciencepower 8 Computerized Assessment Bank CD Rom (2000) (MH) [Grade 8]	T	\$324.05 X
M	8998	Sciencepower 8 Video Modules (2000) (MH) [Grade 8]	ST	\$210.40 X
<b>*** End of Series ***</b>				
M	8988	Sci-Tech Connections 8: Liquids and Gases: I Now Pronounce You . . . Fluids Unit 8B (2001) (CURR) [Grade 8]	T	\$37.50
<b>SOFTWARE</b>				
M	7950	Digital Field Trip to the Wetlands CD- ROM (1998) (DIG) [Grade 4, 7]	S	\$81.50 X
M	8419	Digital Field Trip to the Wetlands Teacher's Guide and User's Guide (DIG) [Grade 4, 7]	T	\$32.95
	9009	Geology Explorer Version 5 CD-ROM (2000) (EOA) [Grade 7]	ST	\$202.60 X
	9005	Oceans - Climate Explorer Version 5 CD-Rom (EOA) [Grade 8]	ST	\$202.60 X

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<b>SOFTWARE</b>				
<b>M</b>	<b>8420</b>	Starry Night Enthusiast CD-ROM (Includes User Guide) (TAN) [Grade 6]	<b>T</b>	\$91.90 X
	<b>30337</b>	Texas Instruments Calculator-Based Laboratory System (CBL) Interface (SPEC) [Grade 7-S4]	<b>ST</b>	\$305.45 X

<b>VIDEOS</b>				
<b>M</b>	<b>8424</b>	Black Widow Spider and More (OMEGA) [Grade 6]	<b>S</b>	\$198.20
<b>M</b>	<b>8426</b>	Changes in Matter (VHS) (1999) (MMP) [Grade 5]	<b>S</b>	\$61.75 X
<b>M</b>	<b>8429</b>	Exploring Phases of Matter (VHS) (1999) (MMP) [Grade 5]	<b>S</b>	\$61.75 X
<b>M</b>	<b>8430</b>	How Do They...? Recycle Paper (NFB) [Grade 5]	<b>S</b>	\$51.45
<b>M</b>	<b>8431</b>	How Do They...? Recycle Steel (NFB) [Grade 5]	<b>S</b>	\$51.45
<b>M</b>	<b>SP 8432</b>	Liftoff to Learning: Atmosphere Below (OMEGA) [Grade 5]	<b>S</b>	\$244.00
<b>M</b>	<b>8433</b>	Measuring Matter (VHS) (1999) (MMP) [Grade 5]	<b>S</b>	\$61.75
<b>M</b>	<b>8434</b>	Observing the Properties of Matter (VHS) (1999) (MMP) [Grade 5]	<b>S</b>	\$61.75

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## Senior Years - Senior 1 to Senior 4

<u>Designations</u>	<u>Stock #</u>	<u>Title (Publisher Code) [Grade(s)]</u>	<u>Audience</u>	<u>Price</u>	
<b>POLICY DOCUMENTS</b>					
	80420	Integrating Aboriginal Perspectives into Curricula: A Resource for Curriculum Developers, Teachers, and Administrators (2003) (DPT) [Grade K-S4]		\$7.75	
*	80303	Towards Inclusion: A Handbook for English as a Second Language Course Designation, S1 - S4 (1995) (DPT) [Grade S1-S4]		\$2.30	
*	80304	Towards Inclusion: A Handbook for Individualized Programming Designation Senior Years (1995) (DPT) [Grade S1-S4]		\$3.50	
*	80302	Towards Inclusion: A Handbook for Modified Course Designation S1 - S4 (1995) (DPT) [Grade S1-S4]		\$3.15	
<b>CURRICULUM DOCUMENTS</b>					
M	78589	Pan Canadian Common Framework of Science Learning Outcomes K-12 (DPT) [Grade K-S4]	T	\$14.65	
M	80367	Senior 1 Science Curriculum Framework of Outcomes (Incl. 1 poster) (DPT) [Grade S1]	T	\$8.60	
M	80365	Senior 1 Science: A Foundation For Implementation (2000) (DPT) [Grade S1]	T	\$15.70	
M	80430	Senior 2 Science: A Foundation for Implementation (2003) (DPT) [Grade S2]	T	\$24.95	
M	80399	Senior 2 Science: Manitoba Curriculum Framework of Outcomes (includes Posters) (DPT) [Grade S2]	T	\$7.60	
M	80501	Senior 3 Biology 30S: A Foundation for Implementation (DPT) [Grade S3]	T	TBA	
New	M	80499	Senior 3 Current Topics in the Sciences: A Foundation for Implementation and Poster (2006) [Grade S3]	T	TBA
M	80429	Senior 3 Physics: A Foundation for Implementation (2003) (DPT) [Grade S3]	T	\$25.60	
M	80500	Senior 4 Physics 40S A Foundation for Implementation (2005) (DPT) [Grade S4]	T	\$16.85	
<b>SUPPORT DOCUMENTS</b>					
	85293	Science Safety: A Kindergarten to Senior 4 Resource Manual for Teachers, Schools, and School Divisions (1997) (DPT) [Grade K-S4]	T	\$7.95	
New	80517	Senior 4 Physics at a Glance Poster (2005) (DPT) [Grade S4]		\$4.40	
	85294	Senior Years Science Teacher Handbook: A Teaching Resource (1997) (DPT) [Grade S1-S4]	T	\$16.70	
	80428	Sila Alangotok - Inuit Observations on Climate Change - A Teacher's Guide for the Video - Resource for Senior 2 Science (2003) (DPT) [Grade S2]		\$11.60	
<b>TEACHER REFERENCE MATERIALS</b>					
	9756	Canadian Agriculture at a Glance (A Bilingual Resource) (2001) (STAT) by Statistics Canada [Grade 5-S4]	T	\$37.65	
<b>Human Activity and the Environment</b>					
	9757	Human Activity and the Environment (A CD version is included) (2000) (STAT) by Statistics Canada [Grade 5-S4]	T	\$57.65 X	
	9758	Human Activity and the Environment Annual Statistics (A CD version is included) (2002) (STAT) by Statistics Canada [Grade 5-S4]	T	\$35.35 X	

\*\*\* End of Series \*\*\*

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<u>Designations</u>	<u>Stock #</u>	<u>Title (Publisher Code) [Grade(s)]</u>	<u>Audience</u>	<u>Price</u>
<b>TEACHER REFERENCE MATERIALS</b>				
	9328	Teaching About Climate Change (RAIN) [Grade 5-S4]	T	\$10.50
<b>STUDENT LEARNING RESOURCES</b>				
	48476	Agriculture Some Comparisons (Pest Control, Organic & Conventional Farming) (1985) (DPT) [Grade S1-S4]	S	\$7.00
<b>DEPARTMENTAL MATERIALS</b>				
New	M	SP 80511	Senior Years Science Teachers Handbook: A Teaching Resource (2005) [Grade S1-S4]	T \$16.70
<b>GRADE S1 - STUDENT LEARNING RESOURCES</b>				
Nelson Science 9				
M	8369	Nelson Science 9 Teacher's Resource (NE) by Bloch, M. [Grade S1]	T	\$389.25
M	8370	Nelson Science 9 Colour Transparencies (NE) [Grade S1]	T	\$295.65
M	8984	Nelson Science 9 Computerized Assessment Bank (2000) (NE) [Grade S1]	ST	\$237.05 X
M	8368	Nelson Science 9 Student Text (NE) by Bloch, M. [Grade S1]	S	\$79.00
*** End of Series ***				
Sciencepower 9				
M	8414	Sciencepower 9 Student Text (MH) [Grade S1]	S	\$71.60
M	8415	Sciencepower 9 Teacher's Resource Binder (MH) [Grade S1]	T	\$272.30
M	8999	Sciencepower 9 Blackline Masters (2000) (MH) [Grade S1]	T	\$252.60
M	9001	Sciencepower 9 Computerized Assessment Bank CD Rom (2000) (MH) [Grade S1]	T	\$324.05 X
M	9000	Sciencepower 9 Video Modules (2000) (MH) [Grade S1]	ST	\$197.55 X
*** End of Series ***				
<b>GRADE S2 - STUDENT LEARNING RESOURCES</b>				
Nelson Science 10				
M	8801	Nelson Science 10 Student Text (NE) [Grade S2]	S	\$79.00
M	8922	Nelson Science 10 Teacher's Resource Kit (NE) [Grade S2]	T	\$389.25
M	8923	Nelson Science 10 Colour Transparencies (NE) [Grade S2]	ST	\$295.65 X
M	8924	Nelson Science 10 Computerized Assessment Bank (NE) [Grade S2]	ST	\$236.50 X
*** End of Series ***				
Sciencepower 10				
M	8925	Sciencepower 10 Student Text (MH) [Grade S2]	S	\$71.60
M	8926	Sciencepower 10 Teacher's Resource (MH) [Grade S2]	T	\$188.50
M	8932	Sciencepower 10 Assessment & Evaluation Handbook Resource Kit (MH) [Grade S2]	ST	\$129.35
M	8927	Sciencepower 10 Blackline Masters (MH) [Grade S2]	T	\$252.60
M	8928	Sciencepower 10 Computerized Assessment Bank (MH) [Grade S2]	ST	\$324.05 X
M	8931	Sciencepower 10 Illustrations CD-ROM (MH) [Grade S2]	ST	\$194.65 X
M	8930	Sciencepower 10 Video (MH) [Grade S2]	ST	\$194.65 X
*** End of Series ***				
<b>BIOLOGY</b>				
Addison-Wesley Biology				
**	7094	Addison-Wesley Biology Text (1994) (PEA) [Grade S2-S4]	S	\$78.50
*** End of Series ***				
Biology: The Dynamics of Life				
M	3321	Biology: The Dynamics of Life (Student Text) (2004) (MH) [Grade S3-S4]	S	\$103.50

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<b>BIOLOGY</b>				
<b>Biology: The Dynamics of Life</b>				
M	3322	Biology: The Dynamics of Life Teacher Classroom Resources (2004) (MH) [Grade S3-S4]	T	\$492.50
M	3323	Biology: The Dynamics of Life Teacher Wraparound Edition (2004) (MH) [Grade S3-S4]	T	\$134.65
M	3324	Biology: The Dynamics of Life Virtual Labs Multimedia CD-ROM (2004) (MH) [Grade S3-S4]	S	\$82.25 X
*** End of Series ***				
<b>BSCS Modules</b>				
R	SP	507 Basic Genetics, Teacher's Guide (VL) [Grade S3-S4]	T	\$57.50
R	SP	506 BSCS Modules: Basic Genetics (VL) [Grade S3-S4]	S	\$36.00
*** End of Series ***				
<b>Inquiry into Life</b>				
M	3328	Inquiry into Life Digital Content Manager CD-ROM (11th) (MH) [Grade S3-S4]	S	\$103.70 X
M	3329	Inquiry into Life Laboratory Manual (11th) (MH) [Grade S3-S4]	T	\$82.25
M	3327	Inquiry into Life Student Text (11th) (MH) [Grade S3-S4]	S	\$107.20 X
M	3332	Inquiry into Life: Transparencies to accompany Inquiry into Life (11th) (MH) [Grade S3-S4]	T	\$147.85 X
*** End of Series ***				
<b>McGraw-Hill Ryerson Biology</b>				
M	3333	McGraw-Hill Ryerson Biology (Student Text) (2003) (MH) [Grade S3-S4]	S	\$72.10
M	3334	McGraw-Hill Ryerson Biology Teacher's Resource (with Teacher's Resource CD-ROM) (2003) (MH) [Grade S3-S4]	T	\$162.45 X
*** End of Series ***				
<b>PHYSICS</b>				
<b>Conceptual Physics</b>				
M	9960	Conceptual Physics: The High School Physics Program (Student Book) (2002) (PEA) [Grade S3-S4]	S	\$92.20
M	9961	Conceptual Physics: The High School Physics Program Core Resources (Kit) (2002) (PEA) [Grade S3-S4]	T	\$235.05
M	9962	Conceptual Physics: The High School Physics Program Laboratory Manual (2002) (PEA) [Grade S3-S4]	T	\$21.40
M	9963	Conceptual Physics: The High School Physics Program Overhead Transparencies with Teaching Guide (2002) (PEA) [Grade S3-S4]	T	\$327.30
M	9964	Conceptual Physics: The High School Physics Program Teacher's Edition (2002) (PEA) [Grade S3-S4]	T	\$128.90
M	9965	Conceptual Physics: The High School Physics Program Test Bank with Test Works CD-ROM (2002) (PEA) [Grade S3-S4]	T	\$396.75 X
*** End of Series ***				
<b>Glencoe Physics: Principles and Problems</b>				
M	9966	Glencoe Physics: Principles and Problems Student Book (2002) (MH) [Grade S3-S4]	S	\$103.55
M	9969	Glencoe Physics: Principles and Problems Student Laboratory Manual (2002) (MH) [Grade S3-S4]	S	\$23.20
M	9970	Glencoe Physics: Principles and Problems Study Guide Student Edition (2002) (MH) [Grade S3-S4]	S	\$22.40
M	9967	Glencoe Physics: Principles and Problems Computer Test Bank (Windows and Macintosh) (2002) (MH) [Grade S3-S4]	T	\$283.10 X
M	9968	Glencoe Physics: Principles and Problems Interactive Teacher Edition CD-ROM (2002) (MH) [Grade S3-S4]	T	\$598.90 X

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		<b>Glencoe Physics: Principles and Problems</b>		
<b>M</b>	<b>9971</b>	Glencoe Physics: Principles and Problems Teacher Classroom Resources (2002) (MH) [Grade S3-S4]	<b>T</b>	\$522.05
<b>M</b>	<b>9972</b>	Glencoe Physics: Principles and Problems Teacher Wraparound Edition (2002) (MH) [Grade S3-S4]	<b>T</b>	\$137.85
<b>M</b>	<b>9973</b>	Glencoe Physics: Principles and Problems Transparency Package (2002) (MH) [Grade S3-S4]	<b>T</b>	\$189.00
		<b>*** End of Series ***</b>		
		<b>McGraw-Hill Ryerson Physics</b>		
<b>M</b>	<b>9985</b>	McGraw-Hill Ryerson Physics Student Text Combined Nova Scotia Edition (includes Student E-Book CD-ROM) (2003) (MH) [Grade S3-S4]	<b>S</b>	\$146.45 X
<b>M</b>	<b>9986</b>	McGraw-Hill Ryerson Physics Combined Nova Scotia Edition Teacher's Resource CD-ROM (2003) (MH) [Grade S3-S4]	<b>T</b>	\$484.90 X
		<b>*** End of Series ***</b>		
		<b>Physics: Concepts and Connections</b>		
<b>M</b>	<b>9982</b>	Physics: Concepts and Connections, Combined Edition, Student Text (2001) (NE) [Grade S3-S4]	<b>S</b>	\$88.85
<b>M</b>	<b>9984</b>	Physics: Concepts and Connections, Combined Edition, Overhead Transparencies (2003) (NE) [Grade S3-S4]	<b>T</b>	\$197.10
<b>M</b>	<b>9983</b>	Physics: Concepts and Connections, Combined Edition, Teacher's Resource Guide (with CD-ROM) (2003) (NE) [Grade S3-S4]	<b>T</b>	\$172.45
		<b>*** End of Series ***</b>		
<b>SOFTWARE</b>				
	<b>9008</b>	Astronomy Explorer Version 5 CD ROM (2000) (EOA) [Grade S1]	<b>ST</b>	\$202.60 X
<b>M</b>	<b>8420</b>	Starry Night Enthusiast CD-ROM (Includes User Guide) (TAN) [Grade 6]	<b>T</b>	\$91.90 X
	<b>30337</b>	Texas Instruments Calculator-Based Laboratory System (CBL) Interface (SPEC) [Grade 7-S4]	<b>ST</b>	\$305.45 X
	<b>9012</b>	Weather Workstation Version 5 CD ROM (1999) (EOA) [Grade S2]	<b>ST</b>	\$196.10 X
<b>VIDEOS</b>				
<b>M</b>	<b>9980</b>	Sila Alangotok - Inuit Observations on Climate Change (Video) (IISD) [Grade S2]	<b>ST</b>	\$16.45 X

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