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### Advanced Academic
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- McGraw-Hill Ryerson Advanced Functions, Grade 12
- Calculus and Vectors, Grade 12
- McGraw-Hill Ryerson Data Management 12

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Look for these symbols:
- **Canadian Content**
- **Bestseller**
- **Available in French**
- **WNCP Approved**
- **Digital Resources**
Ontario Numeracy Assessment Package (ONAP)

Senior Advisor: Dr. Marian Small
Senior Author: Joanne Simmons

Ontario's only diagnostic assessment resource with anchor solutions for moderated marking

Key Features
- Provides teachers with a flexible entry assessment tool to identify students’ prior knowledge of the previous year’s expectations for all math strands in Ontario
- Assesses student performance directly against the curriculum expectations, as well as the Achievement Chart categories
- Helps classroom teachers, schools and districts collect reliable and consistent data
- Quick and easy to administer and score

Each grade level kit contains:

One Teacher's Resource featuring:
- Comprehensive assessments for each math strand
- Teacher notes for administration, scoring and interpretation of the data
- Scoring guides for short answer and multiple choice assessment questions
- Rubrics, anchor solutions and rationales for performance-based tasks (Grade 9 provided online)
- Instructional Next Steps
- Strategies for using the data

Comprehensive Teacher's Resource (Digital):
- Simplifies recording and analyzing of ONAP data
- Contains interactive class Tracking Sheets for each strand
- Sorts individual and class data by overall and specific expectations
- Generates graphs for displaying data

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Grade 7 9780176349288 $309.95
Grade 8 9780176349318 $309.95
Grade 9 Academic 9780176510985 $309.95
Grade 9 Applied 9780176510992 $309.95

ON Developed for assessment of ON Mathematics Curriculum, Grades 4–9

Leaps and Bounds Toward Math Understanding

Authors: Dr. Marian Small, Kathy Kubota-Zarivnij, Amy Lin

Developed to help teachers support students who are struggling in mathematics

Key Features
- Easy-to-use student and teacher resources to support students working as many as 3 levels below grade
- Diagnostic assessment for every topic to clearly pinpoint significant gaps in students’ understanding
- Strategic tools for differentiating instruction that enable teachers to build on what students understand and close critical gaps in understanding
- A research-based intervention approach that is founded on how students learn math developmentally, based on the research of Dr. Marian Small

Components

Teacher's Resource
- Diagnostic assessment tools for every strand identify gaps
- Background information on why students might struggle
- Pathways providing open-ended and guided intervention for every topic
- Teaching notes to support differentiated instruction

Student Resource
- Intervention activities for topics in every strand
- Built-in tips and visuals to support student understanding
- Simple, clear language accessible to ELL learners

Digital Teacher's Resource with Interactive Whiteboard Activities
- Complete Teacher’s Resource in PDF format
- Blackline Masters and PDFs of the Diagnostic Tools
- Over 100 SMART Notebook™ activities

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Grades 7–8
Teacher's Resource (Print only) 9780176351526 $124.95
Digital Teacher's Resource with Interactive Whiteboard activities
Online Edition 9780176351571 $204.95
Print + Digital Bundle Teacher’s Resource with Interactive Whiteboard activities
Online Edition 9780176512651 $294.95
Student Resource 5-Pack (Consumable) 9780176512149 $109.95
Student Resource (Blackline Masters) 9780176351564 $239.95
Student Resource (Online) 9780176778088 $239.95
Math Focus

Authors: Dr. Marian Small et al.

Built on a foundation of sound pedagogy and current Canadian research, Math Focus is written to help teachers meet the diverse needs of learners in the classroom.

Key Features

• Developed by leading Canadian mathematics educator Dr. Marian Small
• Built on a strong foundation of Canadian research into how students learn mathematics
• Less reading, more math
• Thousands of questions, lots of practice
• Comprehensive teacher support with differentiated instruction built into every lesson
• Opportunities for assessment before, during and after every lesson
• Student Success Adapted Program provides lesson-by-lesson support for struggling students

Student Success Adapted Program

This unique consumable workbook provides extra support for every lesson in the Student Book.

• Same curriculum goals at a more accessible level
• Each lesson from the student resource scaffolded into manageable steps
• Reading level 2 to 4 levels below grade
• Answer book sold separately


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WNCP Developed for the WNCP Mathematics Curriculum, Grades 7–9
MathLinks™

Authors: Bruce McAskill, Wayne Watt, Stells Ablett, Ralph Backé, Eric Balzarini, Emily Kalwarowsky, Tricia Licorish (Perry), Blaise Johnson, Michael Webb, Rick Wunderlich, Greg McNulty, Chris Zarski • Foldables™ Author: Dinah Zike • Consultants: Cheryl Makokis, Robert Wong, Joanne Aldridge, Ted Keating, Maureen Sims, Reg Fogarty, Ian Strachan, Sandra Harazny, Ron Kennedy • Advisors: Wanda Lloyd, Rebecca Rowley, Enzo Timoteo, Scott Carlson, Ron Coleborn, Brad Epp, Sam Muraca, P. Janelle McFeetors, Vicki Park, Erv Henderson, Tony May, James McConvilie

MathLinks 7–9 was written to meet the general and specific outcomes of the new Common Curriculum Framework.

Key Features
- Stronger focus on conceptual understanding, differentiated learning and assessment for and of learning opportunities integrated into every lesson

Practice and Homework Book (Print)
- Additional Practice and Homework Book supports key concepts
- Teacher’s Resource includes suggestions for all lessons and assessment strategies and tools including rubrics, checklists, sample solutions and exemplars

Grades 8–9
- Interactive Teacher’s Resource Package includes online access with links to modifiable Blackline Masters and interactive activities
- The Practice and Homework Book, Lesson Plans, Solutions Manual and Student Edition are digitally embedded within this online resource

Adapted Program
- Designed for your struggling students with reading level 3-4 levels below grade
- Aligned to the MathLinks Student Edition and retains curriculum learning outcomes


MathLinks 7
Student Edition (Print) 9780070973350 $73.85
Practice and Homework Book 9780070973411 $8.45
Teacher’s Resource (Print + CD-ROM) 9780070977223 $363.69
Solutions CD-ROM 9780070977631 $297.57
Computerized Assessment Bank (CD-ROM) 9780070977624 $297.57

MathLinks 7 Adapted Program
Student Edition 9780070988460 $375.21
Teacher’s Resource (Print + CD-ROM) 9780070002210 $168.61

MathLinks 8
Student Edition (Print) 9780070973381 $73.85
Practice and Homework Book 9780070973428 $8.45
Teacher’s Resource (Print + CD-ROM) 9780070973527 $363.89
Lesson Plan and Video Package 9780070686640 $291.89
Solutions CD-ROM 9780070097587 $291.89
Computerized Assessment Bank (CD-ROM) 9780070977594 $291.89
Resource Packages
Interactive Teacher’s Resource Package 9780070686397 $584.35

MathLinks 8 Adapted Program
Student Edition 9780070988446 $375.21
Teacher’s Resource (Print + CD-ROM) 9780070002203 $163.68

MathLinks 9
Student Edition (Print) 9780070973404 $73.85
Practice and Homework Book 9780070973442 $8.45
Teacher’s Resource (Print + CD-ROM) 9780070973596 $346.39
Lesson Plan and Video Package 9780070686643 $283.40
Solutions CD-ROM 9780070097626 $283.40
Computerized Assessment Bank (CD-ROM) 9780070977653 $283.40
Resource Packages
Interactive Teacher’s Resource Package 9780070686427 $584.35

MathLinks 9 Adapted Program
Student Edition 9780070725157 $353.88
Teacher’s Resource (Print + CD-ROM) 9780070002197 $155.88

WNCP Developed for the WNCP Mathematics Curriculum, Grades 7–9

Prices subject to change without notice.
Foundations of Mathematics
Authors: Cathy Canavan-McGrath, Michael Pruner, Hank Reinbold, Carol Shaw, Darin Trufyn

Nelson is pleased to support teachers and students across Western and Northern Canada with core resources carefully developed to help all students succeed in the Foundations of Mathematics courses.

Principles of Mathematics
Authors: Cathy Canavan-McGrath, Michael Pruner, Carol Shaw, Darin Trufyn

Nelson is pleased to support teachers and students in Alberta, Northwest Territories and Nunavut with resources carefully developed to help all students succeed in the Alberta Mathematics 20–2 and 30–2 courses.

Key Features
- Designed to engage a wide range of students with real-world contexts in every lesson
- Problem-solving puzzles and interesting features encourage a hands-on, action-based approach to mathematics
- Includes easy-to-understand student explanations in every example to help students make important connections in their mathematical understanding
- Student Book contains almost 1900 practice questions (answers included)
- Student Workbook consists of 300 additional pages of skill-based practice aligned with every lesson in the Student Book
- Teacher’s Resource includes comprehensive planning support for every lesson, assessment tools, plus a wealth of tools and strategies for differentiating instruction
- Interactive Whiteboard Add-On Pack provides ready-to-use SMART Notebook™ files so you can deliver your lessons on an Interactive Whiteboard
Mathematics for Apprenticeship and Workplace

Authors: Carol Brydon, Serge Desrochers, Liz Grill-Donovan, Nicole Lisafeld

Mathematics for Apprenticeship and Workplace resources are comprehensive supplementary workbooks that are carefully designed to engage students in the real-life contexts of mathematics.

Key Features
- Written at an appropriate reading level
- Supports 100% of outcomes in the curriculum
- Each lesson includes prompts, examples and exercises scaffolded in manageable steps
- Consistent, easy-to-follow layout
- Provides a comprehensive record of learning
- Workbook includes a Glossary, Charts and Formulas reference sheet
- Solutions Book (Print or Digital Access) provides full solutions for every question
- Interactive Whiteboard lessons include ready-to-use SMART Notebook™ files for every lesson in the Workbook
- Blackline Masters provide extra practice for every lesson in the Workbook

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Grade 10
- Workbook 5-Pack 9780176514303 $99.95
- Workbook Solutions (Print) 9780176504052 $59.95
- Workbook Solutions (non-printable Online Access) 9780176846398 $59.95
- Blackline Masters for Extra Practice (Digital) 9780176663179 $274.95
- Interactive Whiteboard Files (Digital) 9780176663186 $219.95
- Blackline Masters for Extra Practice + Interactive Whiteboard Files (Digital) 9780176663193 $439.95
- Computerized Assessment Test Bank 9780176515249 $329.95

Grade 11
- Workbook 5-Pack 9780176514297 $99.95
- Workbook Solutions (Print) 9780176504175 $59.95
- Workbook Solutions (non-printable Online Access) 9780176846410 $59.95
- Blackline Masters for Extra Practice (Digital) 9780176663209 $274.95
- Interactive Whiteboard Files (Digital) 9780176663216 $219.95
- Blackline Masters for Extra Practice + Interactive Whiteboard Files (Digital) 9780176663223 $439.95
- Computerized Assessment Test Bank 9780176515232 $329.95

Grade 12
- Workbook 5-Pack 9780176519612 $124.95
- Workbook Solutions (Print) 9780176519643 $89.95
- Workbook Solutions (non-printable Online Access) 9780176645411 $59.95
- Blackline Masters for Extra Practice (Digital) 9780176663230 $274.95
- Interactive Whiteboard Files (Digital) 9780176663247 $219.95
- Blackline Masters for Extra Practice + Interactive Whiteboard Files (Digital) 9780176663254 $439.95
- Computerized Assessment Test Bank 9780176519605 $329.95

WNCP Supports WNCP Apprenticeship and Workplace 10–12 Courses

 ALSO AVAILABLE THROUGH THE MANITOBA TEXT BOOK BUREAU (MTBB)

Prices subject to change without notice.
Mathematics for Knowledge and Employability

Senior Author: Chris Zarski
Authors: Carolyn Bouchard, Carla Kozak, David Moss, Michael Pruner, Carol Shaw, Monique Soetaert

A practical solution to transition students into Apprenticeship and Workplace

Key Features
- Developed to support students by closing gaps and building upon their mathematical understanding
- Focuses on developing essential mathematics skills for everyday life
- Supports differentiated learning in a range of classroom environments
- Ready-to-use Interactive Whiteboard lessons provide interactive and engaging lessons
- Accessible, straight-to-the-point Record of Learning provides ample opportunity for further practice

Interactive Whiteboard Lessons
- Carefully designed, ready-to-use Interactive Whiteboard lessons for each lesson
- Games provide opportunities to activate prior knowledge, practice new concepts and consolidate learning within each unit
- Interactive, hands-on practice opportunities embedded into each lesson to keep students engaged
- Prepares students for further practice and application of skills and concepts presented in the Student Record of Learning

Student Record of Learning
- Easy-to-use Record of Learning provides ample practice and application of skills and concepts based on workplace situations students will encounter
- Each lesson includes a summary of key concepts, as well as practice questions sequenced to build student confidence
- Predictable layout helps students to organize their work
- Written at an accessible reading level
- Employment connections embedded throughout

Solutions Book
- Student Record of Learning with answers and solutions provided on every page for teacher reference

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Mathematics 10

Authors: Bruce McCaskill, Wayne Watt, Eric Balzarini, Scott Carlson, Blaise Johnson, Ron Kennedy, Terry Melnyk, Harold Wardrop, Vicki Park • Consultants: Chris Zarski, Sandra Harazny, Shirley Oker-Mykituk, Heather Granger, Rick Wunderlich, Reg Fogarty, Esther Moreno, Ron Kennedy, Ron Coleborn, Stephanie Mackay • Advisors: Len Bonifacio, Barb Gajdos, Fred Harwood, Gerald Krabbe, Sam Muraca, Mario Chaput, Christine Purse, Greg King, Darren Kuropatwa, Luc Lerminiaux

The Mathematics 10 program was written to WNCP standards to develop critical thinking skills necessary to transition into either Foundations of Mathematics or Pre-Calculus.

Key Features
• Emphasis is placed on embedding the mathematical processes and incorporating projects relating to the student’s everyday life experiences
• Exercise and Homework Book includes summaries of key concepts for each topic with self-assessment
• The Provincial Exam Study Guide provides extra support for students taking the provincial exam
• Interactive Student Edition includes point-of-use media assets animate concepts with video clips, simulations, audio glossary, animations and interactive applets
• Adapted Program available to address the needs of struggling and at-risk students
• Enriched resource available to explore Math 10 concepts in greater depth while still within curriculum outcomes

Teacher’s Resource (Print, CD-ROM)
• Teacher’s Resource includes activity planning notes - lesson planning, classroom management tips, with strategies for accommodating different learning styles

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**Pre-Calculus**

Authors: Bruce McAskill, Wayne Watt, Eric Balzarini, Len Bonifacio, Scott Carlson, Blaise Johnson, Ron Kennedy, Harold Wardrop, Stephanie Mackay • Consultants: Bruce McAskill, Wayne Watt, Chris Zarski, Terry Melnyk, Chun Ong, Heather Granger, Rick Wunderlich, Reg Fogarty, Ron Kennedy, Ron Coleborn • Advisors: John Agnew, Katherine Borgen, Barb Gajdos, Sandra Harazny, Regina Roman, Renée Jackson, Gerald Krabbe, Gail Poshtar, Mario Chaput, Luc Lerminiaux, Christine Purse, Greg King, Darren Kuropatwa

Pre-Calculus 11 and 12 are the only WNCP approved resources written specifically for the new Pre-Calculus Grades 11 and 12 courses.

**Key Features**

- Questions and problems, offering teachers and students choice and flexibility. Pre-Calculus 11 and 12 programs offer a variety of assessment opportunities and strategies to accommodate the diversity of students’ needs.
- Consumable workbook contains extra practice and exercises to build skills needed for university bound students.
- CONNECTschool Student includes personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans.
- Teacher’s Resource includes support for differentiated instruction, ELL and gifted/enriched assessment and evaluation.
- CONNECTschool Teacher 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.

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**WNCP Approved for Pre-Calculus 11–12**

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To order Toll Free 1-800-268-2222 Prices reflect 20% K–12 Educator’s discount.
Math at Work

Authors: Steve Etienne, Ian Charlton, Jodi Clarke, Emily Kaiwarowsky, Deborah Turner, Don Bradford, Carol Jaap Klass, Melissa Marchesi • Consultants: Paul Thomas, Rick Wunderlich • Advisors: Trevor Alexander, Sandra Harazny, Heather Granger

The Math at Work series includes engaging texts with a clear and student friendly instructional design, as well as numerous real-world examples and applications.

**Key Features**
- Supports the WNCP Apprenticeship and Workplace Mathematics 10–12 curriculum outcomes
- Hands-on activities for students
- Questions at concrete level to build skills
- Teacher’s Resource includes detailed planning charts, teaching notes and support for each lesson


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WESTERN CANADA: BC

GRADES 8–10

MathLinks: Pathways to Success

Authors: Bruce McAskill, Eric Balzarini, Richard DeMerchant, Steve Etienne, Blaise Johnson, Rick Wunderlich • Contributing Authors: Tricia Licorish, Greg McInulty, Wayne Watt, Raplh Backé

Exciting all NEW BC curriculum-aligned resources developed by BC educators.

Key Features

- Aligns with changes to Ministry student reporting requirements and ease concerns about how to integrate the new BC core and curricular competencies through clear identification of curricular competency questions
- Supports new and revised learning standards for Fraction Operations, Cubes and Cube Roots, Proportional Reasoning, Data Management and Financial Literacy
- Provides opportunities for Inquiry-Based learning through open and active explorations, tasks, projects, and rich problems
- Competency-based focus as outlined in the new BC Building Student Success Curriculum document
- NEW Get Ready feature provides an overview of the Prerequisite skills students will need to be successful in the chapter
- NEW Tasks and Projects designed to promote an inquiry approach to learning
- NEW Rich Problems require students to connect and apply concepts in a challenging and engaging environment
- MathLinks 10 includes additional features such as Mini-Labs and Chapter Projects to further promote hands-on learning and connect math to real life
- CONNECTschool Student allows access to rich media assets such as interactive activities, videos, quizzes, virtual manipulative math tools and more...

CONNECTschool For Teachers

- Includes the complete Teacher Resource that focuses on delivering and assessing content using the competency-based approach of the new BC curriculum, rich media assets such as videos, virtual manipulative math tools and activities and fully WORKED SOLUTIONS for all exercise questions


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With so many possible approaches, how do we know which ones work the best? In Visible Learning for Mathematics, six acclaimed educators assert it’s not about which one—it’s about when—and show you how to design high-impact instruction so all students demonstrate more than a year’s worth of mathematics learning for a year spent in school.

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Developed specifically to meet the needs and respond to the challenges of today’s Canadian mathematics classroom, this practical and manageable program provides a 100% curriculum fit.

**Key Features**
- Developed by leading Canadian mathematics educator Dr. Marian Small
- Built on a strong foundation of Canadian research into how students learn mathematics
- Focuses on key mathematical ideas to help students make connections across the strands, the curriculum and see the big ideas that connect mathematics
- Learning is sequenced from chapter to chapter to build success and confidence
- Builds on students’ prior knowledge, providing real-world applications to help motivate and engage students
- Balanced approach to mathematics instruction with 3 lesson types—Guided Activity, Direct Instruction and Exploration
- 3-part lesson plan model provides opportunities for problem solving and exploration in each lesson
- Purposeful visuals and a range of lesson types within each chapter benefit all learners and accommodate different teaching styles
- Practical opportunities for assessment before, during and after every lesson
- Student Success Workbook designed to support students struggling in math

**ONTARIO**

**Nelson Mathematics**

Authors: Dr. Marian Small, Mary Lou Kestell, David Zimmer

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Math Essentials
Second Edition
Author: Steve Etienne, Jodi Clarke, Alexis Galvao, Lisa Suurtamm, Cheryl Warrington, Len Stewart • Advisors: Ian Charleton, Lori Malachowski, Susan Holt, Janet VanKoughnett, Nobuko Khan, Maria Stewart, Steve Bibla

An updated and revised edition developed by Ontario Educators specifically for the Ontario Locally Developed Compulsory Course (LDCC) for Mathematics 9 and 10.

Key Features
• Updated HST references, images and questions
• Multiple short lesson parts can be taught in a variety of ways: teacher directed, class/group work, individual work
• Teacher’s Resource includes answers/solutions for the student edition
• Blackline Masters—assessment masters, chapter tests, additional practice and activities, rubrics, performance task scaffolding, vocabulary reviews, final summative tasks, etc.
• All student resource pages in PDFs for use on Whiteboards and projectors

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Teacher’s Resource (CD-ROM) 9780071340250 $174.70

Math Essentials 10
Student Edition (Print) 9780071340120 $18.22
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Authors: Chris Kirkpatrick, Mary Fiore, Mary Bourassa, Bev Farahani, Anthony Persaud, Melissa Baker, Sharon Young

Applied Mathematics 9 is an innovative resource package designed to close gaps in understanding while moving students to success with the Ontario Grade 9 Applied Mathematics curriculum.

Key Features
• Prepares students for the EQAO Provincial Assessment—using multiple choice and open response questions modelled after those found on the EQAO Provincial Assessment
• Ready-to-use 3-part Interactive Whiteboard lessons provide interactive and engaging lessons
• Accessible Record of Learning provides a summary of key concepts, reinforcement of lesson content through solved examples that facilitate student reasoning and opportunity for further practice
• Meaningful and practical opportunities for students to practice and apply skills and solve problems in real-world mathematical contexts
• Written at an accessible reading level for all students
• Flexibility to teach each lesson using either an open or guided approach
• Interactive, hands-on practice opportunities are embedded into each lesson

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Principles of Mathematics ensures students build a solid foundation of learning so they are prepared for success in senior level courses and beyond.

Key Features
- Multiple entry points support a diversity of learners
- Extensive support for skill development
- Mathematical processes integrated throughout every chapter
- Sample achievement chart category questions identified in every lesson
- Appropriate use of technology, including: TI-83 Plus, TI-84 Plus, TI-89 (CAS), The Geometer’s Sketchpad®, Spreadsheets
- Frequently Asked Questions provide accessible review
- Grade 9 Features EQAO-style question and chapter tasks

Principles of Mathematics 9: Student Success Workbook
- Designed to help struggling students be successful
- Provides accessible, on-grade math to support students in the Grade 9 Academic math course MPM1D
- Clear instructions provided for all lessons, with exercises scaffolded in manageable steps

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- Grade 9
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  - Powers and Polynomials
  - Linear Relations
  - Linear Equations
  - Analytic Geometry
  - Investigating Relationships
  - Properties of 2-D Figures
  - Measurement

- Grade 10
  - Systems of Linear Equations
  - Analytic Geometry: Line Segments and Circles
  - Graphs of Quadratic Relations
  - Factoring Algebraic Expressions
  - Applying Quadratic Models
  - Quadratic Equations
  - Similar Triangles and Trigonometry
  - Acute Triangle Trigonometry

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Principles of Mathematics 9 Authors: Chris Dearling, Jacob Speijer, Wayne Erdman, Fred Ferneyhough, Brian McCudden, Fran McLaren, Roland W. Meisel • Consultants: Chris Dearling, Brian McCudden, Roland W. Meisel, Barbara Canton • Advisors: Jeff Irvine, Tess Miller, Larry Romano, Derrick Driscoll, Carol Shiffman

Principles of Mathematics 10 Authors: Barbara Canton, Chris Dearling, Wayne Erdman, Brian McCudden, Fran McLaren, Roland W. Meisel, Jacob Speijer • Consultants: Barbara Canton, Chris Dearling, John Ferguson, Fred Ferneyhough, Jeff Irvine, Brian McCudden, Roland W. Meisel • Advisors: Becky Bagley, Derrick Driscoll, John Di Vizio, David Lovisa, Anthony Meli, Tess Miller, Colleen Morgulis, Larry Romano, Carol Shiffman, Tony Stancati

A resource written specifically for MPM1D and MPM2D.

Key Features

• **Principles of Mathematics** will help students learn the mathematics skills and concepts they need to succeed in school and beyond
• Instructional design based on the problem-solving model with lessons structured to allow for different teaching methods
• Consumable Student Skills book helps students to review and strengthen skills
• Non-consumable exercise and homework book contains 100+ questions
• Teacher’s Resource includes teaching suggestions, technology support, assessment and evaluation strategies for each chapter, editable rubrics and Blackline Masters

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Mathematics Concepts and Connections

Authors: Stewart Craven, Anna D’Armento, Gillian Gibbons, Kathy Kubota-Zarivnij, Pat Margerem, Joe Servidio

Mathematics Concepts and Connections 9 is developed for students who learn best by doing. It is a 100% match to Ontario’s MAT1L and MAT2L courses. Its accessible reading level supports student learning at all levels.

In Grade 9, students are involved in the hands-on costing and design of a Habitat for Humanity home. In Grade 10, the theme of the ecological footprint encourages students to think about the day-to-day choices they make and how those choices impact the environment.

Key Features

- Practical questions and real-life examples and illustrations actively involve students in mathematics relevant to everyday life
- Consistent and predictable 2-page lesson format supports students who struggle with reading and mathematics
- In Grade 9, the Construction Theme throughout engages students quickly and connects them to potential career paths
- In Grade 10, the Ecological Theme engages students quickly and explores environmental concerns

Brief Table of Contents — Grade 9

Overview: This Book and Habitat for Humanity
Module 1: Fundraising
Module 2: Design and Model
Module 3: Purchasing Materials
Module 4: Making a House a Home
Module 5: Finishing the Job: Landscaping

Brief Table of Contents — Grade 10

Overview: This Book and Eco-Schools
Module 1: Understanding Data
Module 2: Measuring Our Consumption
Module 3: Measuring Our Ecological Footprint
Module 4: Getting from Here to There
Module 5: Making Smart Choices: Food

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ON Developed for ON Grade 10 LDCC MAT2L
ON Trillium Approved Developed for the ON Grade 10 Academic Curriculum MPM2D, Revised 2005
Foundations of Mathematics 9

Authors: Barbara Canton, Wayne Erdman, Steve Etienne, Jacob Speijer

Consultants: John Ferguson, Antonietta Lenjosek, Roland W. Meisel, Larry Romano, Laura Tonin

Advisors: Kirsten Boucher, Emidio DiAntonio, Derrick Driscoll, Lori Najera

A resource written specifically for the MFM1P course. Foundations of Mathematics 9 program is a carefully blended mix of print and digital resources.

Resources

- Student Edition features assessment opportunities and EQAO support integrated throughout
- CONNECTschool for Students includes personalization tools and integrated learning assets including videos, interactive lessons and activities, self-study quizzes and study plans
- Teacher's Resources (Print + CD) includes success criteria, assessment, EQAO support, editable Blackline Masters and rubrics on CD
- CONNECTschool for Teachers includes the complete interactive student resource, TR, a wealth of media assets, PowerPoints, interactive lessons and activities, quiz builder and the ability to customize your course content
- Student Success Solutions CD includes additional EQAO support including tips for teaching students and parents; formula sheets and SMARTBoard® solutions
- The Computerized Assessment Bank (ExamView®) includes hundreds of questions including EQAO style questions

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Solutions CD-ROM 9780070970014 $218.63

Resource Packages

Student Workbook 5-Pack 9780070005433 $49.86

ONTARIO

Grades 9 & 10

Foundations of Mathematics 10

Authors: Barbara Canton, Steve Etienne, Honi Huyck, John Santarelli, Ken Stewart

Consultants: Derrick Driscoll, Lynda Ferneyhough, Jacqueline Hill, Nina Purba Jaiswal

Advisors: Janet Moir, Colleen Morgulis, Larry Romano, Cheryl Warrington

A resource written specifically for the MFM2P course. Students will understand the importance of mathematics for their success in school and in future work or study.

Resources

- Student Edition features lessons and problems that relate to students’ everyday life experiences, both inside and outside the classroom
- The Technology Appendix included in the Student text provides keystroke support for all the technology used in the text
- The Student Workbook provides extra support through practice exercises
- The Teacher’s Resource (Print + CD) includes teaching suggestions, technology support, assessment and evaluation strategies for each chapter, editable rubrics and Blackline Masters on CD-ROM
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**Ontario**

**Grade 11**

**Functions and Applications 11**
Authors: Dr. Marian Small, Chris Kirkpatrick, Andrew Dmytriw, Bev Farahani, Angelo Lillo, Kay Minter, David Pilmer, Noel Walker

Functions and Applications 11 supports the diverse needs of students in the MCF3M classroom, preparing them for success in Grade 12 and beyond.

**Key Features**
- Highly visual resource with accessible reading level
- Multiple step-by-step solved examples with student explanations to help students understand the thinking
- Wide variety of questions, gradually increasing in difficulty, to support all learners
- Extensive support for assessment in every chapter
- Appropriate technology used to support student understanding

**Brief Table of Contents**
Introduction to the Quadratic Function; The Algebra of Quadratic Expressions; Working with Quadratic Functions: Standard and Factored Forms; Working with Quadratic Models: Standard and Vertex Forms; Trigonometry and Acute Triangles; Sinusoidal Functions, Exponential Functions; Solving Financial Problems Involving Exponential Functions

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**Grade 11**

**Functions and Applications 11 Student Success Workbook**
Authors: Dr. Marian Small, Chris Kirkpatrick

Functions and Applications 11 Student Success Workbook is specially designed to help struggling students be successful. It provides accessible, on-grade math to support students in the Grade 11 University/College math course MCF3M.

**Key Features**
- All lessons written to meet the same goals as equivalent lessons in the textbook
- Clear instructions provided for all lessons, with exercises scaffolded in manageable steps
- Written at a level appropriate for struggling readers
- Predictable layout helps students strengthen their organizational skills
- Provides extra support and differentiated instruction opportunities

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**Grade 11**

**Functions and Applications 11**
Authors: Derrick Driscoll, Wayne Erdman, Steve Etienne, John Ferguson, Lynda M. Ferneyhough, David Lovisa, Roland W. Meisel, Jay Speijer, Susan Siskind, Cheryl Warrington • Consultants: Kirsten Boucher, Fred Ferneyhough, Nina Jaiswal, Larry Romano • Advisors: Rob Gleeson, Jeff Irvine, Antonietta Lenjosek, Anthony Meli, Angelo Mihalis, Colleen Morgulis, Andrzej Pienkowski, John Santarelli

A resource written specifically for the University/College Functions and Applications (MCF3M) course. Functions and Applications 11 is designed for students who plan to pursue technology-related programs in college or prepare students for some university programs.

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- The mathematical processes are embedded throughout

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• Extensive support for assessment in every chapter
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- Extensive support for assessment in every chapter
- Appropriate technology used to support student understanding

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Authors: Steve Etienne, Emily Kalwarowsky

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Author: James Stewart

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• Examples that encourage students to develop an analytical and insightful view of mathematical concepts, with many displaying solutions graphically, analytically and/or numerically

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