

Secondary Mathematics

Mathematics Matters

New Mathematics Counts (2nd Edition)

Additional Maths 360

New Additional Mathematics (3rd Edition)

Math in Focus®

Supplementary Materials

Mathematics Matters

Written in a simple and easy-to-understand style, Mathematics Matters, a series for the secondary levels, focuses on conceptual understanding, critical thinking and process skills in mathematical problem-solving. The development of these skills is infused into the content with carefully selected graded problems and worked examples so that students of various proficiencies can learn effectively and develop their mathematical skills.

The package comprises:

- | | | | |
|-------------------------|-----------------------------------|----------------------|-------------------|
| Express: | ▪ Textbook | ▪ Workbook | ▪ Teacher's Guide |
| Normal Academic: | ▪ Workbook –
Teacher's Edition | ▪ Question Bank Book | |

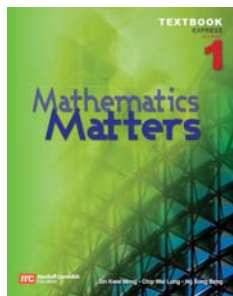
Core Curriculum Mathematics Matters Textbook

Mathematics Matters Express is a series of four course books, specially written for secondary school students preparing for the examinations. It emphasises the understanding and application of mathematical concepts, as well as students' proficiency in problem solving and higher-order thinking skills.

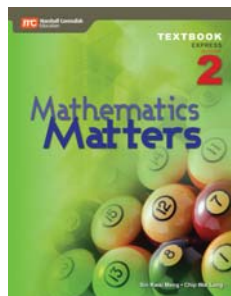
Mathematics concepts in this series are presented in a systematic way – from the fundamentals to the more complex. There are numerous graded questions and activities for students of mixed abilities to test their mastery of mathematical concepts.

- Practice questions are provided to create opportunities for students to apply the mathematical processes, practise and hone their newly-acquired mathematical skills. There are different levels of difficulty to cater to the diverse learning needs of students.
- Interesting factoids and tidbits related to Mathematics are included to promote an appreciation of Mathematics and cultivate a positive learning attitude through Maths Vitamins; a feature found in the Textbooks.
- Fully worked examples are provided to develop students' process skills and metacognition.
- Journal Writing gives students opportunities to reflect on their learning journey.

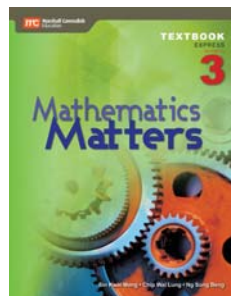
Express



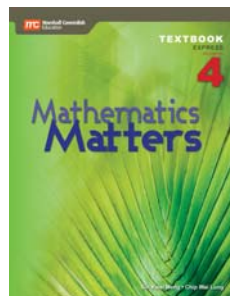
**Textbook Express
Secondary 1**
9789812738820



**Textbook Express
Secondary 2**
9789812717276

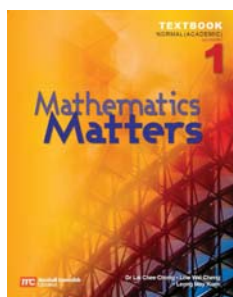


**Textbook Express
Secondary 3**
9789812738837

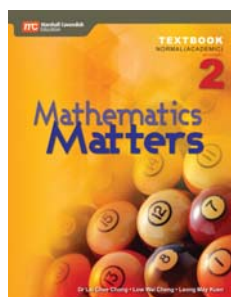


**Textbook Express
Secondary 4**
9789812717283

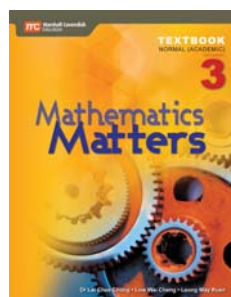
Normal (Academic)



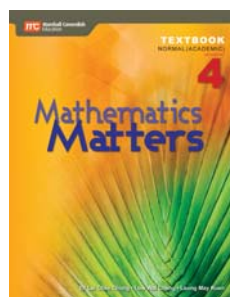
**Textbook
Normal (Academic)
Secondary 1**
9789812738844



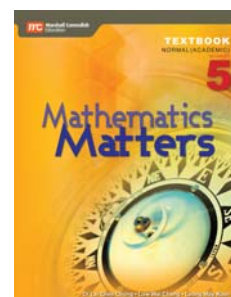
**Textbook
Normal (Academic)
Secondary 2**
9789812713117



**Textbook
Normal (Academic)
Secondary 3**
9789812738851



**Textbook
Normal (Academic)
Secondary 4**
9789812713155



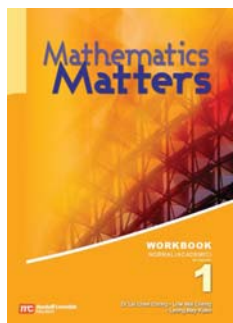
**Textbook
Normal (Academic)
Secondary 5**
9789812734792

SECONDARY MATHEMATICS

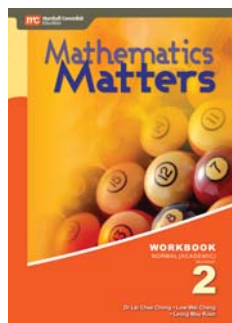
Core Curriculum

Mathematics Matters Workbook for Normal (Academic)

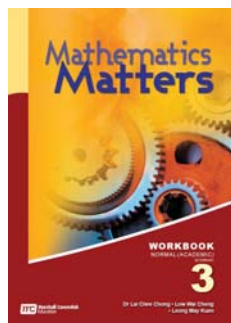
Complementing the Textbooks, the Workbooks provide exercises consisting of graded questions to reinforce the concepts learnt.



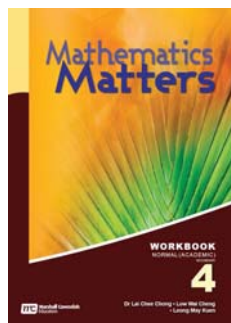
Workbook Normal (Academic) Secondary 1
9789812711595



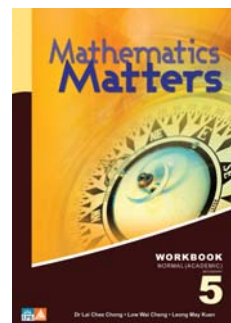
Workbook Normal (Academic) Secondary 2
9789812713124



Workbook Normal (Academic) Secondary 3
9789812711618



Workbook Normal (Academic) Secondary 4
9789812713162



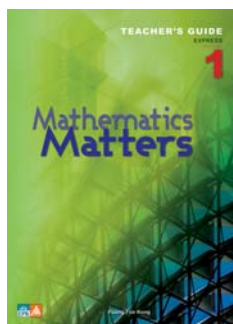
Workbook Normal (Academic) Secondary 5
9789812734808

Teacher's Resources

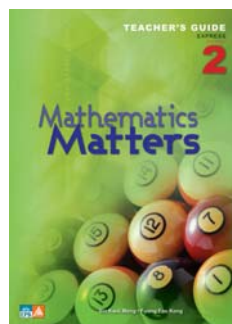
Mathematics Matters Teacher's Guide

These effective guides provide Schemes of Work to facilitate lesson planning. These guides also list out key concepts that students should learn by the end of each chapter under Learning Objectives for greater focus and clarity of learning expectations. Important concepts are highlighted in Key Teaching Notes for effective learning. Common mistakes and relations between Mathematics and everyday life are highlighted. Extra sources of activities are provided to strengthen and enrich students' learning experience.

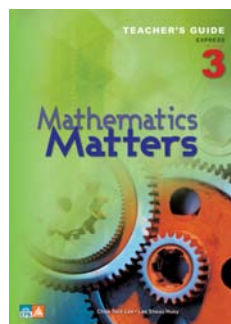
Express



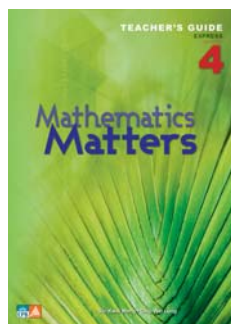
Teacher's Guide Express Secondary 1
9789812717290



Teacher's Guide Express Secondary 2
9789812733016

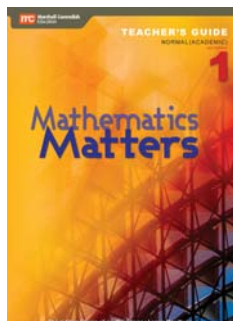


Teacher's Guide Express Secondary 3
9789812717306

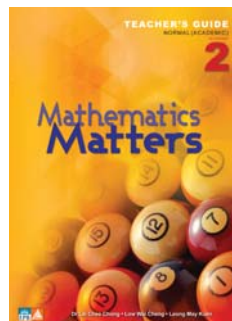


Teacher's Guide Express Secondary 4
9789812733023

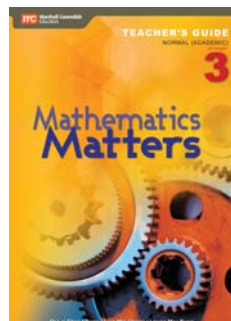
Normal (Academic)



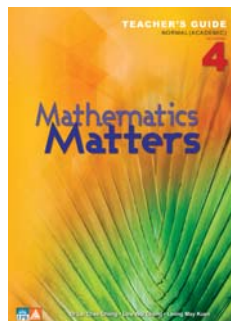
Teacher's Guide Normal (Academic) Secondary 1
9789812716934



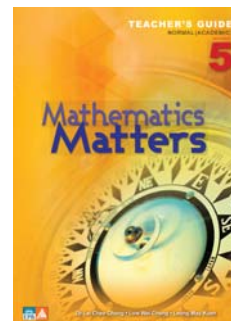
Teacher's Guide Normal (Academic) Secondary 2
9789812713148



Teacher's Guide Normal (Academic) Secondary 3
9789812716941



Teacher's Guide Normal (Academic) Secondary 4
9789812713186



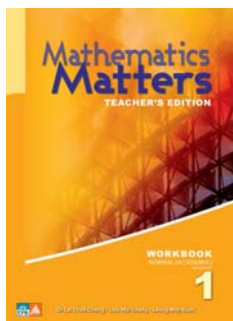
Teacher's Guide Normal (Academic) Secondary 5
9789812734839

SECONDARY MATHEMATICS

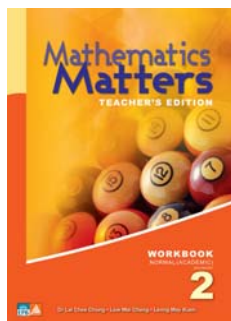
Teacher's Resources

Mathematics Matters Workbook for Normal (Academic) – Teacher's Edition

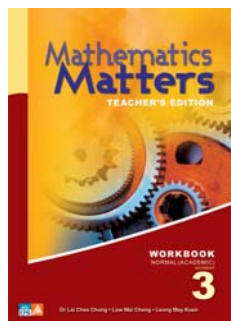
The Teacher's Editions include all the answers to the questions in the Workbooks.



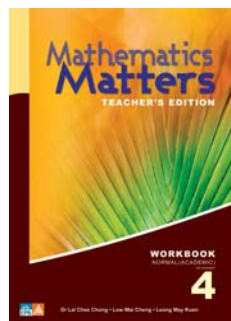
**Workbook
– Teacher's Edition
Normal (Academic)
Secondary 1**
9789812716224



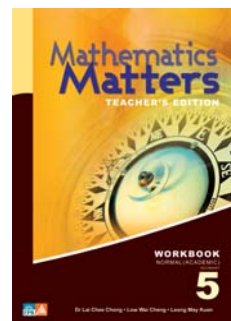
**Workbook
– Teacher's Edition
Normal (Academic)
Secondary 2**
9789812713131



**Workbook
– Teacher's Edition
Normal (Academic)
Secondary 3**
9789812716248



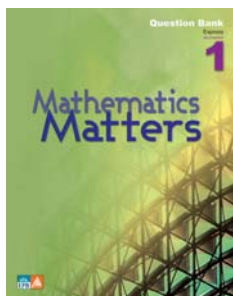
**Workbook
– Teacher's Edition
Normal (Academic)
Secondary 4**
9789812713179



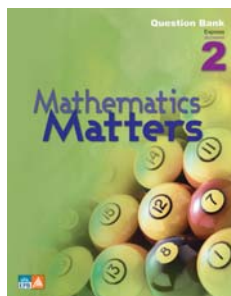
**Workbook
– Teacher's Edition
Normal (Academic)
Secondary 5**
9789812734815

Mathematics Matters Question Bank Book for Express

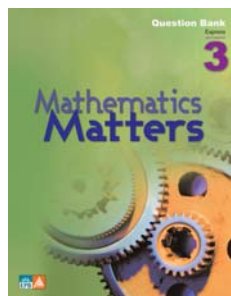
These books provide hundreds of basic and challenging questions for additional practice.



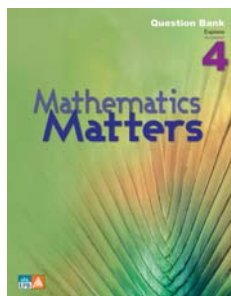
**Question Bank Book
Express Secondary 1**
9789812801715



**Question Bank Book
Express Secondary 2**
9789812801722



**Question Bank Book
Express Secondary 3**
9789812801739



**Question Bank Book
Express Secondary 4**
9789812801746

New Mathematics Counts

This Normal (Academic) Mathematics Textbook series is designed to engage secondary students in a way that makes Mathematics easy to learn. This course of five textbooks takes students on a progressive learning journey to prepare them to excel in their examinations.

The package comprises:

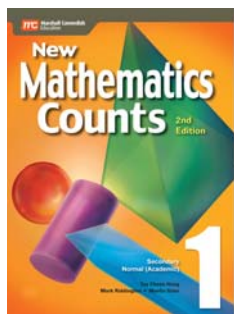
- Textbook
- Teacher's Resources CD-ROM

Core Curriculum

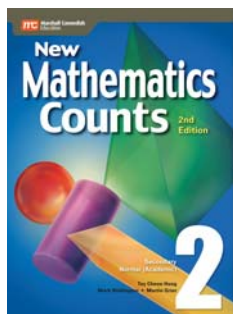
**New Mathematics Counts
Textbook (2nd Edition)**

Ample exercise questions carefully graded are provided at the end of every section. Challenging questions and past-year examination questions have also been incorporated to inculcate higher-order thinking skills and build confidence in the examination.

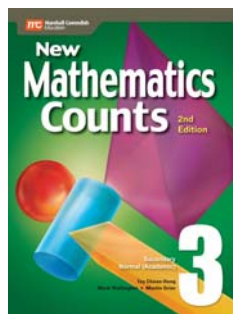
- A post-diagnostic '10 Minutes Concept Check' assesses students on their understanding of each section within a chapter. This helps students identify areas they are weak in.
- A Discover! section, found at the beginning of each chapter, consists of a set of learning outcomes that defines the framework of learning.
- Concepts are presented in a simple, clear and logical manner. The use of diagrams, figures and models help students visualise mathematical concepts and ideas more clearly.
- Key Ideas are clearly differentiated and placed in coloured boxes within each section. These may include definitions or mathematical formulae.
- Notes alerts students to pertinent points throughout the learning process. They are also used to highlight common errors or remind students of prerequisite concepts.



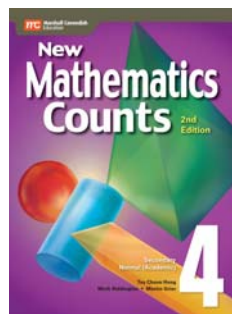
**Textbook
Normal (Academic)
Secondary 1**
9789810112288



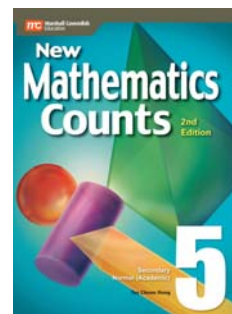
**Textbook
Normal (Academic)
Secondary 2**
9789810109936



**Textbook
Normal (Academic)
Secondary 3**
9789810112295



**Textbook
Normal (Academic)
Secondary 4**
9789810109943



**Textbook
Normal (Academic)
Secondary 5**
9789810112424

SECONDARY MATHEMATICS

Teacher's Resources

New Mathematics Counts

Teacher's Resources CD-ROM

Quality support materials are provided to empower teachers with the flexibility to tailor each lesson to the needs of the students so that they can focus on the teaching, assessing and remediating of weaker students.

- Scheme of Work shows the learning outcomes, timeframe and resources available for each chapter to aid teachers in lesson planning.
- Teacher's Guide consists of suggested lesson starters, lesson notes, handy teaching tips, pointers on common misconceptions and errors, as well as worked solutions to challenging problems and activities in the Textbook.
- Remediation Worksheet promotes conceptual understanding, through concept-specific guides and practices, in weaker students.
- Enrichment Worksheet provides opportunities for students to explore mathematical ideas and applications beyond classroom confines. It also infuses National Education, Information Technology and Thinking Skills into the curriculum through related activities.
- Question Bank provides teachers with a heap of questions to select and customise when setting worksheets, tests and examinations.



**Teacher's Resources
CD-ROM 1**
9789810168056



**Teacher's Resources
CD-ROM 2**
9789810168063



**Teacher's Resources
CD-ROM 3**
9789810168070



**Teacher's Resources
CD-ROM 4**
9789810168087



**Teacher's Resources
CD-ROM 5**
9789810168094

ADDITIONAL MATHS 360

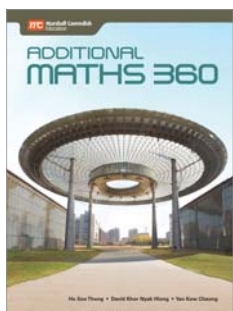
Additional Maths 360 was written in line with the latest syllabus for the GCE 'O' Level Additional Mathematics Examinations. It emphasises the acquisition and mastery of mathematical concepts and skills, and the development of thinking, reasoning and metacognitive skills through a mathematical approach to problem-solving.

The package comprises:

- Textbook
- Teacher's Planning Guide
- Extra Practice Workbook

Core Curriculum

Additional Maths 360 Textbook



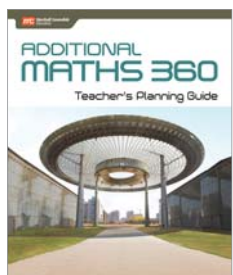
Textbook
9789810117481

This Textbook includes questions with real-life contexts to help students connect ideas between mathematics and other disciplines and thus appreciate the power of mathematics. It also provides practice questions which are carefully graded to cater to students with different abilities to help each of them progress and improve.

- Intrigue and engage learners in the topic of discussion through real-life scenarios.
- Scenarios are drawn from a kaleidoscope of disciplines.
- Carefully graded exercises for differentiated learning at the end of every section tailor to learners of different ability groups.

Teacher's Resources

Additional Maths 360 Teacher's Planning Guide

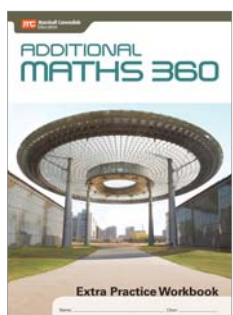


Teacher's Planning Guide
9789810119201

This Planning Guide contains resources to facilitate lesson preparation such as Schemes of Work, Lesson Plans, Activity Worksheets, bridging materials for Mathematical Modeling for students and Worked Solutions for textbook questions.

Supporting Materials

Additional Maths 360 Extra Practice Workbook



Extra Practice Workbook
9789810197179

The Extra Practice Workbook, which was specially written to supplement the textbook, helps students prepare for tests and examinations. It consists of practice questions that are carefully graded to cater to students with different abilities, thereby helping them progress and improve.

New Additional Mathematics

3rd Edition

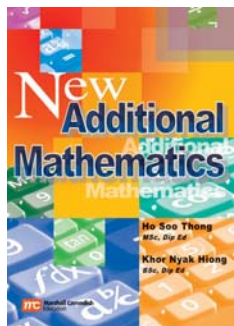
New Additional Mathematics (3rd Edition) is written to help students prepare for the examinations.

The package comprises:

- Textbook
- Teacher's Edition
- IT Worksheets

Core Curriculum

New Additional Mathematics Textbook (3rd Edition)

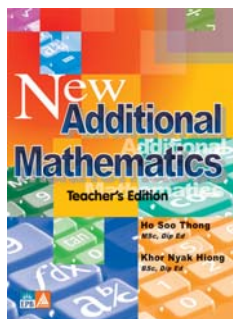


Textbook (3rd Edition)
9789814210188

Clear well-organised content is developed clearly through a lot of illustrations and worked examples. The initiatives of the Ministry of Education, Singapore – Thinking Skills and Information Technology are infused into the book. It not only teaches the subject itself but also educates one about the power and beauty of Mathematics.

Teacher's Resources

New Additional Mathematics Teacher's Edition (3rd Edition)

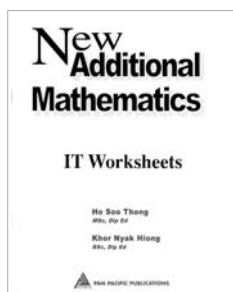


Teacher's Edition (3rd Edition)
9789812086938

Teacher's Edition (3rd Edition) contains useful tips for teachers to assist them in teaching the topics well.

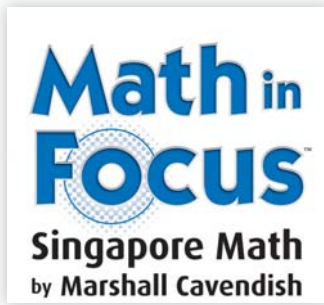
Teacher's Resources

New Additional Mathematics IT Worksheets



IT Worksheets
9789812088048

These worksheets enrich users' learning experience through the use of open-ended tools such as Graphmatica, Microsoft Excel and Geometer's Sketchpad. The activities enhance learning and development of mathematical understanding through investigation and exploration, computation and interpretation, and practice and consolidation.



Available in
SPANISH

Math in Focus®: Singapore Math by Marshall Cavendish is a comprehensive math program developed for Grades K to 8 in the United States. Math in Focus® Courses 1 to 3 (for Grades 6 to 8) builds upon students' understanding of mathematical concepts gained in the earlier grades to help ensure a smooth progression in their learning journey.

Aligned to Common Core Standards for U.S. classrooms, Math in Focus® Courses 1 to 3 has been designed to further strengthen students' understanding of complex mathematical concepts, enhance their problem-solving skills and equip them with critical thinking skills.

The package comprises:

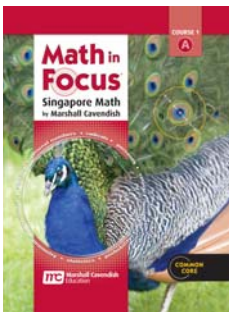
- Student Book
- Teacher's Edition
- Activity Book
- Extra Practice
- Enrichment
- Assessments
- Reteach
- Solutions Key

Core Curriculum

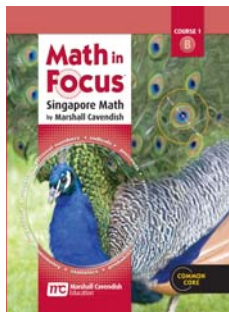
Math in Focus® Student Book

The Student Books are designed to introduce concepts through multiple representations in a comprehensive format. Carefully developed with the listed features, they help students visualise and understand complex mathematical concepts.

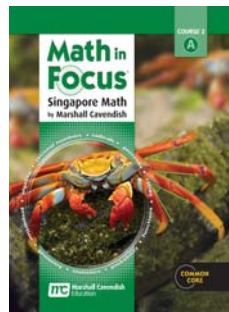
- Examples to demonstrate concepts through modeling in an engaging and easy to understand format.
- Guided Practice to allow the teacher to work through exercises with students and assess understanding.
- Practice to provide independent opportunities for reinforcing and enhancing concepts.
- Hands-On and Technology Activities to reinforce ideas, concepts and problem-solving strategies through interactive learning.
- Math Journal opportunities within the Practice to reflect, explain, construct arguments and justify reasoning.
- Think Math and Brain @ Work to provide opportunities for concept application and critical thinking.
- Chapter Wrap Up to provide a visual content map for each chapter. Connections between the key concepts are illustrated.
- Chapter Review Test to offer cumulative practice at the end of each chapter on the concepts and skills instructed in each chapter in preparation for the assessment.



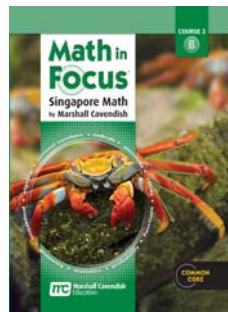
**Student Book
Course 1A**
9780547559360



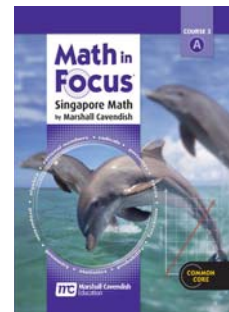
**Student Book
Course 1B**
9780547560120



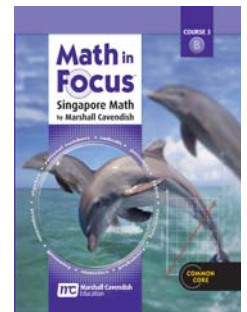
**Student Book
Course 2A**
9780547560076



**Student Book
Course 2B**
9780547560106



**Student Book
Course 3A**
9780547560113



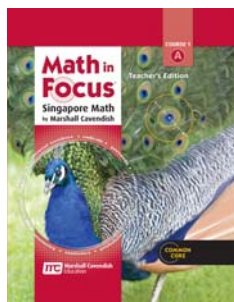
**Student Book
Course 3B**
9780547560090

SECONDARY MATHEMATICS

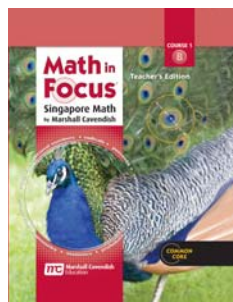
Teacher's Resources

Math in Focus® Teacher's Edition

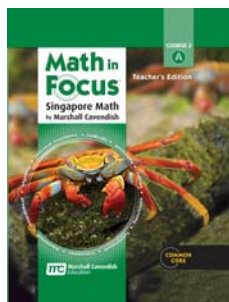
The Teacher's Editions are designed to provide complete support to teachers as they use the series materials in the classroom. They contain a variety of features, including Chapter at a Glance with planning guides, differentiated instruction, assessment tools as well as instructional procedures and questioning strategies. Furthermore, these guides include support for Common Core Standards for Mathematical Practice to help teachers plan their lessons more effectively.



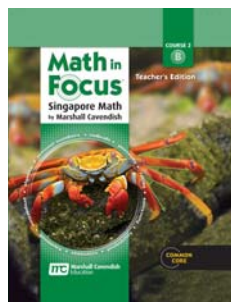
**Teacher's Edition
Course 1A**
9780547561004



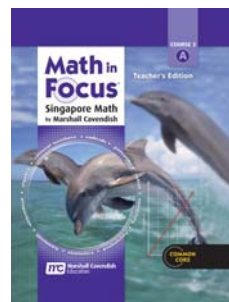
**Teacher's Edition
Course 1B**
9780547560960



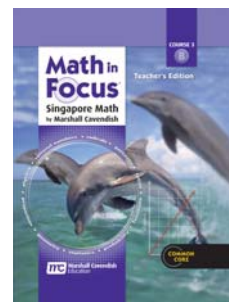
**Teacher's Edition
Course 2A**
9780547561035



**Teacher's Edition
Course 2B**
9780547561011



**Teacher's Edition
Course 3A**
9780547561059

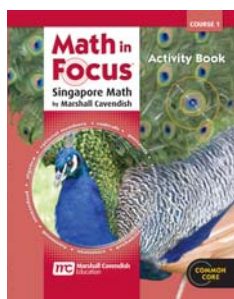


**Teacher's Edition
Course 3B**
9780547560984

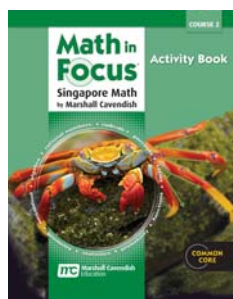
Supporting Materials

Math in Focus® Activity Book

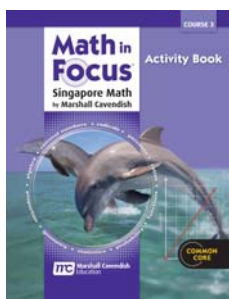
Complementing the Student Books, the Activity Books provide additional projects and activities to deepen students' mathematical experiences. These projects and activities support the Common Core Standards for Mathematical Practice. They allow students to model mathematics, reason abstractly about new content, make sense of non-routine problems and persevere in solving them. Each activity and project in these books includes a scoring rubric, worksheets and recording sheets for students.



**Activity Book
Course 1**
9780547578972



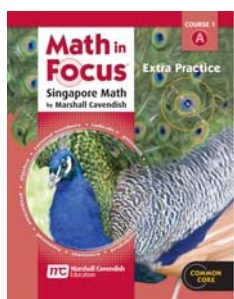
**Activity Book
Course 2**
9780547579054



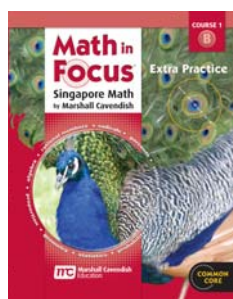
**Activity Book
Course 3**
9780547578989

Math in Focus® Extra Practice

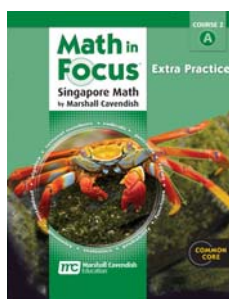
These books have been developed as supporting materials to the Student Books. Each Extra Practice book contains a series of practice and review sets to complement the Practice problems in the Student Books. These additional problems can be used for review, test practice, quizzes and/or homework. There is an Extra Practice activity for each lesson that provides ample opportunities for reinforcement and independent work, as well as challenging practice with solving non-routine problems.



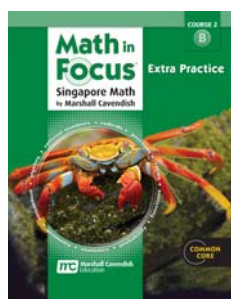
**Extra Practice
Course 1A**
9780547578965



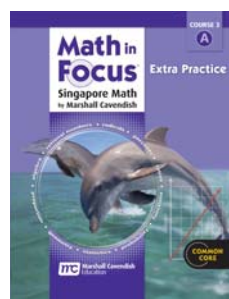
**Extra Practice
Course 1B**
9780547578996



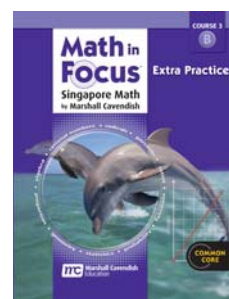
**Extra Practice
Course 2A**
9780547579023



**Extra Practice
Course 2B**
9780547579085



**Extra Practice
Course 3A**
9780547579078

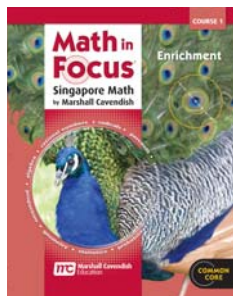


**Extra Practice
Course 3B**
9780547579009

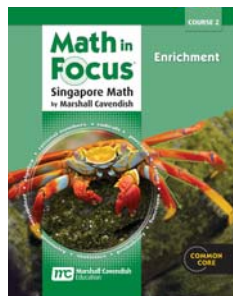
SECONDARY MATHEMATICS

Supporting Materials Math in Focus® Enrichment

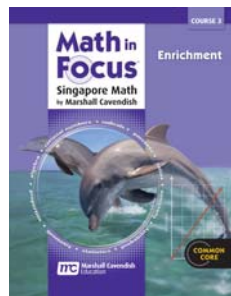
The Enrichment exercises extend beyond the concepts presented in the lesson and Practice. These differentiated learning experiences challenge students with critical thinking, logical reasoning and opportunities to validate arguments. The Enrichment problems are beneficial to advanced learners.



Enrichment Course 1
9780547578873



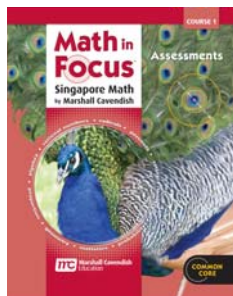
Enrichment Course 2
9780547578941



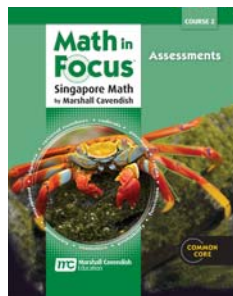
Enrichment Course 3
9780547579016

Math in Focus® Assessments

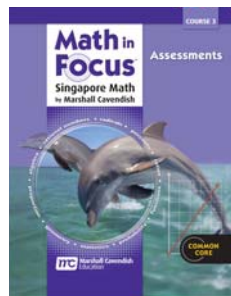
These books contain a series of tests to provide students with ample practice and exposure to standard test format questions. The assessments include a Pre-Test and two forms of the Chapter Test for each chapter of the Student Books, as well as two Benchmark Assessments, a Mid-Course Test, and an End-of-Course Test. Each test is closely aligned with the corresponding test in the Student Books to facilitate understanding and help reinforce learning.



Assessments Course 1
9780547579030



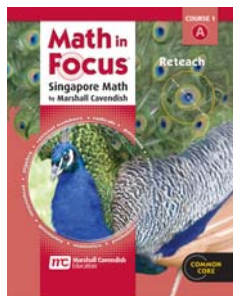
Assessments Course 2
9780547579047



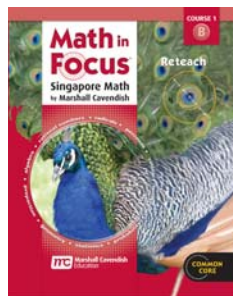
Assessments Course 3
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Math in Focus® Reteach

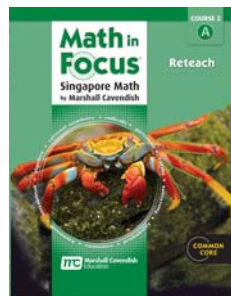
The exercises in the Reteach books are specially designed to help students revisit the concepts, skills and strategies presented in each lesson. Worked examples are clearly presented to provide guidance to students and mathematics vocabulary terms are explained in context. Problems are accompanied by models to visually represent concepts for remediation and intervention support.



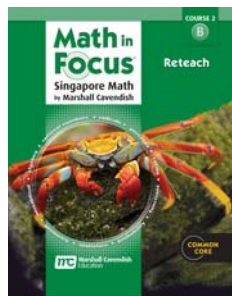
Reteach Course 1A
9780547579160



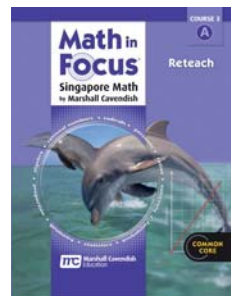
Reteach Course 1B
9780547579122



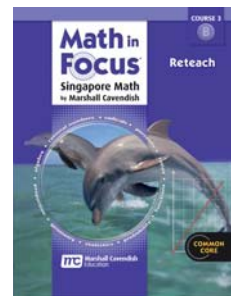
Reteach Course 2A
9780547578835



Reteach Course 2B
9780547578842



Reteach Course 3A
9780547578859



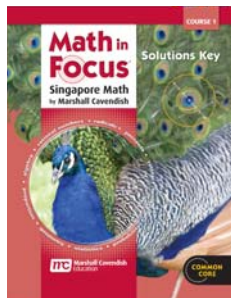
Reteach Course 3B
9780547578866

SECONDARY MATHEMATICS

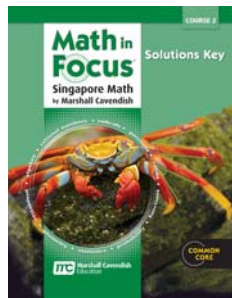
Supporting Materials

Math in Focus® Solutions Key

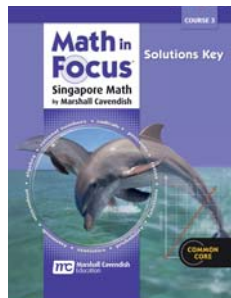
Developed as additional resources for Courses 1 to 3, the Solutions Key books provide worked solutions to every Practice problem in the Student Books. This allows teachers to support students in the Singapore Mathematics process for solving problems including computational, algebraic, and routine and non-routine word problems.



**Solutions Key
Course 1**
9780547579108



**Solutions Key
Course 2**
9780547579115



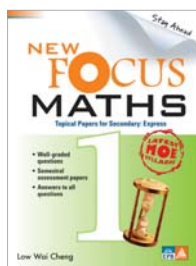
**Solutions Key
Course 3**
9780547579139

SUPPLEMENTARY Materials

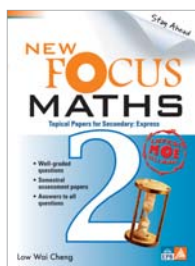
New Focus Maths Topical Papers: Express

This series follows content used in schools and helps students to master the vital mathematical concepts.

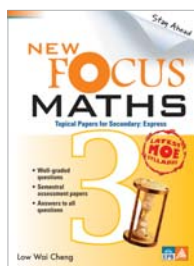
- Well-graded questions from core topics to help students consolidate their learning of mathematical concepts.
- Semestral assessment papers to help students better prepare for their examination.



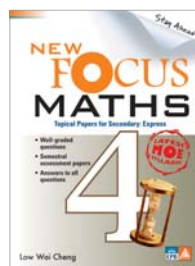
New Focus Maths 1
9789812731012



New Focus Maths 2
9789812800305

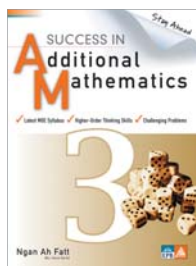


New Focus Maths 3
9789812731029

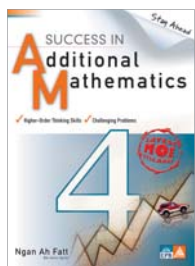


New Focus Maths 4
9789812800312

Success in Additional Mathematics



Success in Additional Mathematics 3
9789812730022



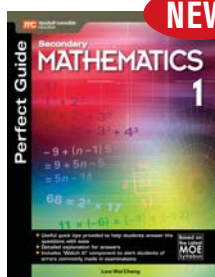
Success in Additional Mathematics 4
9789812735430

This series is written based on the latest Additional Mathematics Syllabus. It helps students to consolidate their understanding of mathematical concepts and prepares them for their examination.

- Worked examples followed by graded exercises so that learning occurs in a progressive manner.
- Review exercises for additional practice to help students master key mathematical skills.
- Notes and remarks for easy reference to facilitate learning.
- Alternative methods to promote creative thinking in students.
- Hints for students attempting challenging questions to help build confidence in answering these questions.

SUPPLEMENTARY Materials

Perfect Guide Secondary Mathematics



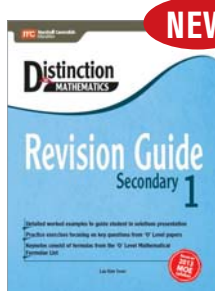
Secondary Mathematics 1
9789810119041

As the first of the Perfect Guide Series for Secondary Mathematics, this book has been designed to closely follow the latest syllabus used in schools to help students better understand the concepts learnt.

Each of the thirteen topics includes various features that will ensure that students are guided in their comprehension of the topic and equipped to answer the different types of questions. The features include:

- Learning Outcomes at the beginning of each chapter to highlight the different areas of focus.
- Worked Examples to show students how to apply mathematical concepts and tackle problems effectively.
- Exercises of varying difficulty to provide ample opportunity for students to enhance their problem solving skills.
- Quick Tips to guide students to solve challenging problems more effectively.
- Common Errors related to the topic are highlighted, cautioning students to avoid possible mistakes.
- Worked Solutions to act as a step-by-step guide to obtaining the correct answer.
- Assessment Papers to hone examination skills and build exam confidence.

Distinction in Mathematics Revision Guide



Distinction in Mathematics Revision Guide
9789810119416

Written in line with the latest GCE Ordinary Level Mathematics syllabus of the Ministry of Education (Singapore), Distinction in Mathematics Revision Guide Secondary 1 is the first book of the Distinction in Mathematics series.

This series aims to help enhance students' conceptual understanding and application, develop their competency in solving mathematical problems and equip them for their final examinations.

- Comprehensive keynotes are available at the beginning of the chapter for students to revise on the learnt concepts
- Keynotes include formulas from the 'O' Level mathematical formulae list that students are required to remember
- Topical chapters with questions of varied difficulty are provided for students to hone their critical thinking skills for mathematics
- Worked examples and solutions provide students with the necessary guidance for their solutions presentation

There are ample practice exercises focusing on key questions from 'O' level papers prepares students for their final national examinations.