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# New Syllabus Additional Mathematics Textbook

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Additional Mathematics - 1: Additional Mathematics - for VTU Lateral Entry Students

Fundamentals of Mathematics \

Workbook full solutions

Cambridge IGCSE® and O Level Additional Mathematics Practice Book

Additional Mathematics for Grade 10

New Syllabus Mathematics Textbook 4

Cambridge IGCSE and O Level Additional Mathematics Workbook

Pure & Applied

6th Edition

Mathematics - Applications and Interpretation

New Syllabus Mathematics Workbook 4

Mathematics Education in Singapore

Further Mathematics for the IB Diploma Standard Level

New Syllabus Additional Mathematics Textbook

Singapore Math Textbook For Grade 6

Cambridge IGCSE and O Level Additional Mathematics

(9th Edition)

New Syllabus Mathematics Workbook 3

Complete Additional Mathematics for Cambridge IGCSE® and O Level

Cambridge IGCSE Mathematics Extended Practice Book

Additional Mathematics

6th Edition

Complete Additional Mathematics for Cambridge IGCSE® & O Level

New Syllabus Additional Mathematics Workbook

Additional Mathematics for West Africa

New Syllabus Additional Mathematics

Teacher's resource book

New Syllabus Mathematics

Textbook

6th Edition

9th Edition

New Syllabus Mathematics Workbook 2

New Syllabus Mathematics Textbook 3

Teacher's manual

6th Edition

Cambridge IGCSE® Additional Maths

Approaches to Learning and Teaching Mathematics

Cambridge IGCSE® and O Level Additional Mathematics Coursebook

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### **Additional Mathematics - 1: Additional Mathematics - for VTU Lateral Entry Students** Cambridge University Press

These resources have been created for the Cambridge IGCSE® and O Level Additional Mathematics syllabuses (0606/4037), for first examination from 2020. This coursebook gives clear explanations of new mathematical concepts followed by exercises. This allows students to practise the skills required and gain the confidence to apply them. Classroom discussion exercises and extra challenge questions have been designed to deepen students' understanding and stimulate interest in Mathematics. Answers to coursebook questions are in the back of the book.

[Fundamentals of Mathematics](#) \ Shing Lee Publishers Pte Ltd

This sixth edition of Additional Mathematics: Pure and Applied, has been completely revised and updated.

[Workbook full solutions](#) Pearson Education South Asia

A series of titles written to cover the complete Cambridge IGCSE Mathematics (0580) syllabus and endorsed by Cambridge International Examinations.

### **Cambridge IGCSE® and O Level Additional Mathematics Practice Book** Shing Lee Publishers Pte Ltd

New Syllabus Mathematics Workbook (Express) is written in line with the new Singapore-Cambridge GCE  $\diamond O \diamond$  Level Examination and the new initiatives of the Ministry of Education. The workbook consists of exercises which prepare students for their examinations. The more difficult questions are marked with an \*. To encourage student-centred learning, the workbook includes non-routine types of worksheets that are classified under the section, Alternative Assessment. These worksheets encourage students to learn independently through carefully-guided steps and the use of IT. Students are motivated to investigate mathematical concepts with various methods and think critically, so that they will understand and appreciate the concepts better. The teacher can gauge the students' learning by assessing the

work with the scoring rubric found at the end of the relevant worksheets. The workbook is accompanied with a CD-ROM that contains templates to be used with some worksheets. It is hoped that with the use of various pedagogies, different types of students will be inspired to achieve success in mathematics.

### **Additional Mathematics for Grade 10** Collins

Full support and guidance for teaching the latest Cambridge IGCSE  $\diamond$  Additional Mathematics 0606 syllabus for first teaching from 2018 and examination from 2020. Save time with homework worksheets and extension worksheets in Word format available for download. Exam Board: Cambridge Assessment International Education First teaching: 2018 First exams: 2020 This resource also covers the Cambridge O Level Additional Mathematics 4037 syllabus. We are working with Cambridge Assessment International Education towards endorsement of this title. \* Start teaching straight away with detailed lesson plans that include clear syllabus references, common mistakes and remediation, useful tips for a fresh approach and guidance around how to deliver activities from the Student's Book.\* Challenge and stretch more able students with extension activity sheets, that provide students with practice at a high level.\* Provide ready-made homework for every lesson with printable and editable homework worksheets available for download.\* Personalise your course with all files available to download in Word format to ensure a perfect fit for your school.\* Check and mark students' work with the answers for the Student's Book exercises and chapter review sections; homework sheets; and extension questions all available for download.  $\diamond$  IGCSE is the registered trademark of Cambridge Assessment International Education.

[New Syllabus Mathematics Textbook 4](#) Booksmango

New Syllabus Mathematics Workbook (Express) is written in line with the new Singapore-Cambridge GCE  $\diamond O \diamond$  Level Examination and the new initiatives of the Ministry of Education. The workbook consists of exercises which prepare students for their examinations. The more difficult questions are marked with an \*. To encourage student-centred learning, the workbook includes non-routine types of worksheets that are classified under the section, Alternative Assessment. These worksheets encourage

students to learn independently through carefully-guided steps and the use of IT. Students are motivated to investigate mathematical concepts with various methods and think critically, so that they will understand and appreciate the concepts better. The teacher can gauge the students' learning by assessing the work with the scoring rubric found at the end of the relevant worksheets. The workbook is accompanied with a CD-ROM that contains templates to be used with some worksheets. It is hoped that with the use of various pedagogies, different types of students will be inspired to achieve success in mathematics.

*Cambridge IGCSE and O Level Additional Mathematics Workbook* Shing Lee Publishers Pte Ltd

These books have been specifically written by experienced authors for the option modules in the new Higher Level IB Mathematics syllabus. Each book has been thoroughly reviewed by IB teachers and contains detailed explanations, plenty of questions, a review section and past-examination questions.

### **Pure & Applied** Springer

This book provides a one-stop resource for mathematics educators, policy makers and all who are interested in learning more about the why, what and how of mathematics education in Singapore. The content is organized according to three significant and closely interrelated components: the Singapore mathematics curriculum, mathematics teacher education and professional development, and learners in Singapore mathematics classrooms. Written by leading researchers with an intimate understanding of Singapore mathematics education, this up-to-date book reports the latest trends in Singapore mathematics classrooms, including mathematical modelling and problem solving in the real-world context.

### **6th Edition** Pearson Education South Asia

These resources have been created for the Cambridge IGCSE® and O Level Additional Mathematics syllabuses (0606/4037), for first examination from 2020. The Cambridge IGCSE® and O Level Additional Mathematics Practice Book works alongside the coursebook to provide students with extra materials so they can practise the required syllabus skills. The exercises have further worked examples to help students approach the questions within.

Answers are provided in the back of the book.

*Mathematics - Applications and Interpretation* Hodder Education New Syllabus Additional Mathematics (NSAM) is an MOE-approved textbook specially designed to provide valuable learning experiences to engage the hearts and minds of students sitting for the GCE O-level examination in Additional Mathematics. Included in the textbook are Investigation, Class Discussion, Thinking Time and Alternative Assessment such as Journal Writing to support the teaching and learning of Mathematics. Every chapter begins with a chapter opener which motivates students in learning the topic. Interesting stories about mathematicians, real-life examples and applications are used to arouse students' interest and curiosity so that they can appreciate the beauty of Mathematics in their surroundings and in the sciences. The use of ICT helps students to visualise and manipulate mathematical objects more easily, thus making the learning of Mathematics more interactive. Ready-to-use interactive ICT templates are available at <http://www.shinglee.com.sg/StudentResources/> The chapters in the textbook have been organised into three strands — Algebra, Geometry and Trigonometry and Calculus. The colours purple, green and red at the bottom of each page indicate these.

**New Syllabus Mathematics Workbook 4** Shing Lee Publishers Pte Ltd

This textbook follows closely the latest syllabus issued by the Ministry of Education, Singapore. It emphasises the understanding of mathematical concepts using a clear and systematic approach. *Mathematics Education in Singapore* Shing Lee Publishers Pte Ltd New Syllabus Mathematics (Normal Academic) is a series of textbooks and workbooks designed to prepare students for the Singapore-Cambridge GCE N-level and O-level examinations. Together with the textbook, the workbook will provide students with ample practice to apply the various skills and concepts learnt to solving problems in both examination and real-life situations. The workbook contains the following features: PRACTISE NOW The Practise Now questions in the workbook, which are closely linked to the worked examples in the textbook, provide students with further practice. REVIEW EXERCISE The Review Exercise in each chapter serves to consolidate the learning of concepts. ACTIVITY Activity is included, where appropriate, to encourage independent learning.

**Further Mathematics for the IB Diploma Standard Level**

Oxford University Press - Children Cambridge International AS & A Level Further Mathematics supports students following the 9231 syllabus. This single coursebook comprehensively covers all four modules of the syllabus and helps support students in their studies and develops their mathematical skills. Authored by experienced teachers of Further Mathematics, the coursebook provides detailed explanations and clear worked examples with practice exercises and exam-style questions. Answers are at the back of the book. *New Syllabus Additional Mathematics Textbook* Cambridge University Press

New Syllabus Mathematics is a series of four books. These books follow the Mathematics Syllabus for Secondary Schools, implemented from 2007 by the Ministry of Education, Singapore. The whole series covers the complete syllabus for the Singapore-Cambridge GCE  $\diamond$ O $\diamond$  Level Mathematics. The sixth edition of New Syllabus Mathematics retains the goals and objectives of the previous edition, but has been revised to meet the needs of the current users, to keep materials up-to-date as well as to give students a better understanding of the contents. All topics are comprehensively dealt with to provide students with a firm grounding in the subject. Explanations of concepts and principles are precise and written clearly and concisely with supportive illustrations and examples. Examples and exercises have been carefully graded to aid students in progressing within and beyond each level. Those exercises marked with a require either more thinking or involve more calculations. Numerous revision exercises are provided at appropriate intervals to enable students to recapitulate what they have learnt. Some interesting features of this series include the following:  $\diamond$  an interesting introduction at the beginning of each chapter complete with photographs or graphics  $\diamond$  brief specific instructional objectives for each chapter  $\diamond$  Just For Fun arouses the students' interests in studying mathematics  $\diamond$  Thinking Time encourages students to think creatively and go deeper into the topics  $\diamond$  Exploration provides opportunities for students to learn actively and independently  $\diamond$  For Your Information provides extra information on mathematicians, mathematical history and events etc.  $\diamond$  Problem Solving Tips provides suggestions to help students in their thinking processes. We also introduce problem solving heuristics and strategies systemically throughout the series.  $\diamond$  Your

Attention alerts students to misconceptions.

*Singapore Math Textbook For Grade 6* Cambridge University Press New Syllabus Additional Mathematics Textbook(9th Edition)Shing Lee Publishers Pte Ltd

**Cambridge IGCSE and O Level Additional Mathematics** New Syllabus Additional Mathematics Textbook(9th Edition) Equip your top achievers to excel in their Cambridge exams with the practice-based, rigorous approach of Complete Additional Mathematics for Cambridge IGCSE. It completely covers the latest Additional Mathematics Cambridge IGCSE & O Level syllabus. In addition to a wealth of practice, it includes clear and concise explanations and worked examples, to fully prepare students for top exam achievement and the step up to further study.

**(9th Edition)** Shing Lee Publishers Pte Ltd

Written by an experienced author team, Collins Cambridge IGCSE(R) Additional Maths Student's Book provides in-depth coverage of every aspect of the latest Cambridge IGCSE(R) Additional Mathematics 0606 syllabus, for examination from 2020. This resource also covers the Cambridge O Level Additional Mathematics 4037 syllabus. We are working with Cambridge International Examinations towards endorsement of this title. - Cover the entire curriculum with confidence with clear references to what students will learn at the start of every chapter. - Build upon student's IGCSE Mathematics course with exercises designed to test students' initial understanding and prepare them for Additional Maths content. - Consolidate understanding with tried and tested questions in extensive practice exercises and detailed worked examples, with hints on how to tackle tricky content. - Help students to prepare for their examination with a set of exam-style questions at the end of every chapter, plus Cambridge questions from previous papers. - Support students in developing problem solving skills with flagged questions and a problem-solving in context feature that require students to apply their skills and understanding. - Emphasise the relevance of maths in the real world with 'Why this chapter matters', showing maths in everyday life or its place in historical developments. - Deliver a fully international course with international examples, contexts, names, currency and locations. Help English as Second Language learners understand complex mathematical terminology with clear key term definitions, gathered in a glossary. - Challenge students to stretch their skills and

understanding with flagged extension questions in both the practice exercises and the chapter review questions. - Support students in assessing their own understanding of the content through a progression checklist at the end of every chapter. - Encourage students to check their work with answers to all exercise questions at the back of the book. Examination answers are only available in the Teacher's Pack. IGCSE is the registered trademark of Cambridge International Examinations.

[New Syllabus Mathematics Workbook 3](#) Hachette UK

New Syllabus Additional Mathematics (NSAM) is a series of textbooks and workbooks designed to prepare students for the Singapore-Cambridge GCE O-level examination in Additional Mathematics. Together with the textbook, the workbook will provide students with ample practice to apply the various skills and concepts learnt to solving problems in both examination and real-life situations. The workbook contains the following features:

**REVISION NOTES** Revision Notes are found at the start of each chapter. They emphasise the important concepts and formulae in the chapter.

**PRACTICE QUESTIONS** Practice Questions provide students with a wide range of questions for further practice. The questions are classified into three levels of difficulty. ♦ questions require students to use specific skills and concepts in the chapter directly to solve problems. ♦ questions require students to apply their skills and concepts to solve problems. ♦ questions require students to apply various skills and concepts, including the use of problem-solving skills, to solve problems. Revision Exercise The Revision Exercise is found after every few chapters to help

students to recall and consolidate all the concepts learnt in these chapters. Mid-Year Specimen Papers and End-of-Year Specimen Papers The Mid-Year Specimen Papers and End-of-Year Specimen Papers have been written to follow closely to the format of school's Mid-Year and End-of-Year examinations. It is hoped that when students use this book, to reinforce the concepts that they are weak in, they will eventually gain success in Additional Mathematics.

*Complete Additional Mathematics for Cambridge IGCSE® and O Level* Collins

The NISEAC GCSE in Additional Maths is currently the only SEAC-approved Additional Maths GCSE. This book has been written to provide comprehensive coverage of the entire syllabus for this examination. It is designed not only for Additional Maths candidates, but also for sixth formers and FE students of physics, and more able maths students who are in their GCSE year and who intend to continue with the subject beyond 16.;The book features coverage of all branches of mathematics (Pure, Mechanics and Statistics) in detail; an extensive range of worked examples illustrating new topics; exercises which provide opportunities for students to practise the essential skills (with answers to the questions at the back of the book); short profiles the mathematicians most closely associated with the particular area being addressed; and a range of challenging examination questions at the end of each chapter.

**Cambridge IGCSE Mathematics Extended Practice Book**

Cambridge University Press

Note: This is the 3rd edition. If you need the 2nd edition for a course you are taking, it can be found as a "other format" on amazon, or by searching its isbn: 1534970746 This gentle introduction to discrete mathematics is written for first and second year math majors, especially those who intend to teach. The text began as a set of lecture notes for the discrete mathematics course at the University of Northern Colorado. This course serves both as an introduction to topics in discrete math and as the "introduction to proof" course for math majors. The course is usually taught with a large amount of student inquiry, and this text is written to help facilitate this. Four main topics are covered: counting, sequences, logic, and graph theory. Along the way proofs are introduced, including proofs by contradiction, proofs by induction, and combinatorial proofs. The book contains over 470 exercises, including 275 with solutions and over 100 with hints. There are also Investigate! activities throughout the text to support active, inquiry based learning. While there are many fine discrete math textbooks available, this text has the following advantages: It is written to be used in an inquiry rich course. It is written to be used in a course for future math teachers. It is open source, with low cost print editions and free electronic editions. This third edition brings improved exposition, a new section on trees, and a bunch of new and improved exercises. For a complete list of changes, and to view the free electronic version of the text, visit the book's website at [discrete.openmathbooks.org](http://discrete.openmathbooks.org)

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