

Shinglee Mathematics 7th Edition

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Discover Biology - Peng Kwan Lam 2013

This is a biology textbook written in line with the 2013 GCE Ordinary level science (biology) syllabus from the Ministry of Education, Singapore.

New Syllabus Mathematics Textbook 4 - Teh Keng Seng 2008-01-01

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 \diamond 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.

Think Like A Maths Genius - Michael Shermer 2011-09-01

Did you know that it's easier to add and subtract from left to right, rather than the other way round? And that you can be taught to square a three-digit number in seconds? In Think Like A Maths Genius, two mathematicians offer tips and tricks for doing tricky maths the easy way. With their help, you can learn how to perform lightning calculations in your head, discover methods of incredible memorisation and other feats of mental agility. Learn maths secrets for the real world, from adding up your shopping and calculating a restaurant tip, to figuring out gambling odds (or how much you've won) and how to solve sudoku faster.

Progress in Mathematics - Rose A. McDonnell 2006

Cambridge IGCSE Mathematics Extended Practice Book - Karen Morrison 2013-01-24

A series of titles written to cover the complete

Cambridge IGCSE Mathematics (0580) syllabus and endorsed by Cambridge International Examinations. Cambridge IGCSE Mathematics Extended Practice Book offers a wealth of questions, with hints and tips along the way to reinforce skills and learning. It provides comprehensive and targeted exercises ensuring plenty of practice both for the classroom and for independent learning. With concise reminders at the start of each topic, and hints in the margin, it is designed to work as a stand alone practice tool that will successfully accompany any IGCSE mathematics textbook. Those using the Cambridge Coursebook will find this a complementary asset with extra questions. For additional exam practice, access to full exam-style papers is also available.

New Syllabus Additional Mathematics

Workbook - Dr Joseph Yeo 2013-01-01

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.

New Syllabus Mathematics Textbook 3 - Teh Keng Seng 2007-01-01

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 ♦O♦ 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: ♦ an interesting introduction at the beginning of each chapter complete with photographs or graphics ♦ brief specific instructional objectives for each chapter ♦ Just For Fun arouses the students' interests in studying mathematics ♦ Thinking Time encourages students to think creatively and go deeper into the topics ♦ Exploration provides opportunities for students to learn actively and independently ♦ For Your Information provides extra information on mathematicians, mathematical history and events etc. ♦ Problem Solving Tips provides suggestions to help students in their thinking processes. We also introduce problem solving heuristics and strategies systemically throughout the series. ♦ Your Attention alerts students to misconceptions.

New Syllabus Mathematics Workbook 4 - Dr Joseph Yeo 2008-01-01

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.

Sage for Undergraduates - Gregory V. Bard
2015-02-16

As the open-source and free competitor to expensive software like MapleTM, Mathematica®, Magma, and MATLAB®, Sage offers anyone with access to a web browser the ability to use cutting-edge mathematical software and display his or her results for others, often with stunning graphics. This book is a gentle introduction to Sage for undergraduate students toward the end of Calculus II (single-variable integral calculus) or higher-level course work such as Multivariate Calculus, Differential Equations, Linear Algebra, or Math Modeling. The book assumes no background in computer science, but the reader who finishes the book will have learned about half of a first semester Computer Science I course, including large parts of the Python programming language. The audience of the book is not only math majors, but also physics, engineering, finance, statistics, chemistry, and computer science majors.

Focus on Grammar 3 - Marjorie Fuchs 2017
"Building on the success of previous editions, Focus on Grammar continues to provide an

integrated-skills approach to engage students and help them accomplish their goals of communicating confidently, accurately, and fluently"--Back cover.

Standard Handbook of Machine Design - Joseph Edward Shigley 1996

The latest ideas in machine analysis and design have led to a major revision of the field's leading handbook. New chapters cover ergonomics, safety, and computer-aided design, with revised information on numerical methods, belt devices, statistics, standards, and codes and regulations. Key features include: *new material on ergonomics, safety, and computer-aided design; *practical reference data that helps machine designers solve common problems--with a minimum of theory. *current CAS/CAM applications, other machine computational aids, and robotic applications in machine design. This definitive machine design handbook for product designers, project engineers, design engineers, and manufacturing engineers covers every aspect of machine construction and operations. Voluminous and heavily illustrated, it discusses standards, codes and regulations; wear; solid materials, seals; flywheels; power screws; threaded fasteners; springs; lubrication; gaskets; coupling; belt drive; gears; shafting; vibration and control; linkage; and corrosion.

Mathematics for the International Student - Michael Haese 2013

Mathematics - Ros O'Sullivan 2009

Mathematics for Grade 9 student book meets all the requirements of the new Grade 9 Mathematics Syllabus. Units of work are organised according to Grade 9 Mathematics syllabus, namely: 9.1 Mathematics in our Community 9.2 Patterns of Change 9.3 Working with Data - Core + Option A: Random Events and Stimulation and Option B: Statistical Surveys 9.4 Design in 2D and 3D Geometry - core + Option A: Construction and Option B: Deductive Reasoning

Mathematics Education in Singapore - Tin Lam Toh 2019-02-07

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.

Criminal Law: Text, Cases, and Materials - Jonathan Herring 2012-04-19

Includes bibliographical references index.

New Syllabus Mathematics - Joseph B. W. Yeo 2014

The Pythagorean Theorem - Eli Maor 2019-11-19

An exploration of one of the most celebrated and well-known theorems in mathematics. By any measure, the Pythagorean theorem is the most famous statement in all of mathematics. In this book, Eli Maor reveals the full story of this ubiquitous geometric theorem. Although attributed to Pythagoras, the theorem was known to the Babylonians more than a thousand years earlier. Pythagoras may have been the first to prove it, but his proof—if indeed he had one—is lost to us. The theorem itself, however, is central to almost every branch of science, pure or applied. Maor brings to life many of the characters that played a role in its history, providing a fascinating backdrop to perhaps our oldest enduring mathematical legacy.

New Syllabus Mathematics Workbook 3 - Dr Joseph Yeo 2007-01-01

New Syllabus Mathematics Workbook (Express) is written in line with the new Singapore-Cambridge GCE O 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.

Teacher's Resource Book - Sharne Aldridge 1991

Teacher's guide to encouraging interest and initiative in mathematics at primary school level. The book allows for a variety of approaches to topics. A scope and sequence chart provides for easy planning.

New Additional Mathematics - Soo Thong Ho 2011

Power Up Your Mind - Bill Lucas 2011-07-12

Shows how everyone has the capacity to succeed and how most use only a small portion of their talents.

Cambridge IGCSE International Mathematics (0607) Extended (2nd Edition) - Michael Haese 2018-08

for use with the Cambridge IGCSE International Mathematics (0607) Extended syllabus may also be used for pre-IB Diploma requirements and other middle years courses one book for a two-year course includes chapters on 'Multi-Topic Questions' and 'Investigations and Modelling' graphics calculator instructions included digitally wide range of graded exercises from routine practice and basic skills consolidation, to more demanding problem solving exercises plenty of worked examples with step-by-step instructions, supported by Self Tutor includes exam questions from past papers The book embraces technology, problem solving, investigating and modelling, and offers students different learning experiences. This book has been written to cover the Cambridge IGCSE? International Mathematics (0607) Extended syllabus for examination from 2020. The book is endorsed by Cambridge Assessment International Education. The material is presented in a clear, easy-to-follow style, free from unnecessary distractions, while effort has

been made to contextualise questions so that students can relate concepts to everyday use. In this second edition, many of the chapters have been reordered and restructured, allowing for a more logical progression of ideas and difficulty. Seven chapters of 'assumed knowledge' are accessible online for those who want to ensure that they have the prerequisite levels of understanding for the course. The last two chapters in the book are devoted to multi-topic questions, and investigations and modelling. Review exercises appear at the end of each chapter, and answers are given at the end of the book. The accompanying digital book is accessed through our Snowflake platform. It contains our Self-Tutor software, geometry and graphics software, demonstrations and simulations, and the assumed knowledge chapters. The digital book is a complete copy of the text of the book, so students can view it on a home computer or tablet and keep the textbook at school. We are working with Cambridge Assessment International Education towards endorsement of the digital version of the book.

New Syllabus Mathematics Textbook 1 - Dr Joseph Yeo 2013

New Syllabus Mathematics (NSM) is a series of textbooks specially designed to provide valuable learning experiences to engage the hearts and minds of students sitting for the GCE O-level examination in Mathematics. Included in the textbooks are Investigation, Class Discussion, Thinking Time, Journal Writing, Performance Task and Problems in Real-World Contexts 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. 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/ChemistryMatters> - 2007

Lower Secondary Science Matters - Joan Fong

2013

Cambridge Checkpoint English 1 - John Reynolds 2013-01-25

Build confidence and understanding throughout the year with hundreds of additional practice questions. This Workbook supports our bestselling Checkpoint series, with exercises specifically matched to the Cambridge Progression tests and the Checkpoint tests. - Develops understanding and builds confidence ahead of assessment with exercises matched to the tests - Ensures a thorough understanding of all aspects of the course by following the structure of the relevant textbook - Saves planning time with exercises that are suitable for use in class or as homework This Workbook is matched to the Cambridge Lower Secondary Curriculum Framework and follows the structure of the equivalent Checkpoint Student's Book exactly. This Workbook has not been through the Cambridge endorsement process. The answers to the Checkpoint English workbooks and revision guide are online:

www.hoddereducation.co.uk/cambridgeextras
New Syllabus Mathematics Workbook 1 - Dr Joseph Yeo 2013-01-01

New Syllabus Mathematics (NSM) is a series of textbooks and workbooks designed to prepare students for the Singapore-Cambridge GCE O-level examination in 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-Year Specimen Papers The Mid-Year Specimen Papers and End-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 Mathematics.

Math, Grade 8 - Thomas Richards 2002-02-26
Our proven Spectrum Math grade 8 workbook features 176 pages of drills and practice in math fundamentals. Recently updated to current national math and testing standards. This workbook for children ages 13 to 14 uses everyday math applications to teach basic skills. Math skills include: ~Ratio and proportion ~Fractions, decimals, and percents ~Calculating interest ~Perimeter, area, and volume ~Algebra ~Geometry ~Probability and statistics Our best-selling Spectrum Math series features age-appropriate workbooks for Preschool to grade 8. Developed with the latest standards-based teaching methods that provide targeted practice in math fundamentals to ensure successful learning

7th Grade Math Workbook - Ace Academic Publishing 2018-07-15
The contents of this Math workbook include multiple chapters and units covering all the required Common Core Standards for this grade level. Similar to a standardized exam, you can find questions of all types, including multiple choice, fill-in-the-blank, true or false, match the correct answer and free response questions. These carefully written questions aim to help students reason abstractly and quantitatively using various models, strategies, and problem-solving techniques. The detailed answer explanations in the back of the book help the students understand the topics and gain confidence in solving similar problems.

According to the Book - Gilbert A. Valverde 2012-10-08
How are curriculum policies translated into opportunities to learn in the classroom? According to the Book presents findings from the largest cross-national study of textbooks carried out to date - the curriculum analysis of

the 1995 Third International Mathematics and Science Study (TIMSS). This study included a detailed, page-by-page, inventory of the mathematics and science content, pedagogy, and other characteristics collected from hundreds of textbooks in over forty countries. Drawing on these data, the authors investigate the rhetorical and pedagogical features of textbooks to understand how they promote and constrain educational opportunities. They investigate how textbooks are constructed and how they structure diverse elements into prescriptions for teaching practice. The authors break new ground in understanding textbooks in terms of different educational opportunities that they make possible. The book examines policy implications from these new understandings. In particular, conclusions are offered regarding the role of textbooks in curriculum-driven educational reform, in light of their role as promoters of qualitatively distinct educational opportunities.

New Syllabus Primary Mathematics - Pui Yee Foong 2015

New Syllabus Mathematics - Joseph B. W. Yeo 2014

Cambridge International A and AS Level Mathematics - Sophie Goldie 2012-01-01
This brand new series has been written for the University of Cambridge International Examinations course for AS and A Level Mathematics (9709). This title covers the requirements of P1. The authors are experienced examiners and teachers who have written extensively at this level, so have ensured all mathematical concepts are explained using language and terminology that is appropriate for students across the world. Students are provided with clear and detailed worked examples and questions from Cambridge International past papers, so they have the opportunity for plenty of essential exam practice. Each book contains a free CD-ROM which features the unique 'Personal Tutor' and 'Test Yourself' digital resources that will help students revise and reinforce concepts away from the classroom: - With Personal Tutor each student has access to audio-visual, step-by-step support through exam-style questions - The Test Yourself interactive

multiple choice questions identify weaknesses and point students in the right direction

Complete Additional Mathematics for Cambridge IGCSE® & O Level - Tony Beadsworth
2017-07-27

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.

IGCSE Cambridge International Mathematics (0607) Extended - 2009

Secondary 2 - Raintree Steck-Vaughn Publishers
1997-01-01

Give your students the skills, strategies, and confidence to do their best on the Metropolitan Achievement Tests, Seventh Edition. Test Best provides the grade-specific, test-specific instruction and practice students need to succeed on all three sections.

Shaping Maths - Charlotte Collars 2016

Mathematics for O Level - Owen William Perry
1970-01-01

Mathematics for the International Student - James Foley 2013

Essential Mathematics for Cambridge Secondary 1: Stage 8 - Sue Pemberton
2015-06-25

The Essential Mathematics for Cambridge Secondary 1 series has been created for the international student. Written by an expert author team with an experienced examiner, it provides complete coverage of the latest Cambridge syllabus. The Student Book contains comprehensive coverage of the curriculum framework content and provides engaging exercises that promote problem solving and investigative strategies. Inclusion of summary and review sections after each topic help students retain learning, while Checkpoint-style questions assist their preparation for assessment. Learning Outcomes are provided at the start of each chapter to clearly map topics in the text to the syllabus. Numerous exercises are included, with clear progression, and problem-solving and real life applications embedded throughout. Helpful hints throughout the text guide students and remind them of the key pieces of information required.