

Pixel Gcse Maths Paper

Gilbert Strang's clear, direct style and detailed, intensive explanations make this textbook ideal as both a course companion and for self-study. Single variable and multivariable calculus are covered in depth. Key examples of the application of calculus to areas such as physics, engineering and economics are included in order to enhance students' understanding. New to the third edition is a chapter that accompanies the popular video lectures by the author on MIT's OpenCourseWare. These can be accessed from math.mit.edu/~gs.

Technology is at the heart of learning for all of us and every teacher needs to be using social media, mobile technologies and transformational digital learning opportunities as an integral part of their range of strategies for helping students make the maximum progress. In this book in the 'Perfect' series, Mark Anderson, the ICT Evangelist, takes the technology-related elements of all the recent series of books, clear and practical strategies that are proven to be successful in classrooms and offers up ideas for how they can be turned into a daily reality for all teachers.

This easy-to-read summary is an excellent tool for introducing others to the messages contained in Principles and Standards.

A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the OCR J560 GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book provides full coverage of the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as Problem-solving Books, Homework Books and a free Teacher's Resource.

Big Math Notebook Graph Paper Composition: Math Squared Notebook Graph Paper Notebook for Kids

The Hunt for Cosmic Beauty in Numbers

An Inspector Calls

ClearRevise OCR GCSE Computer Science J277

Oxford Revise: AQA GCSE (9-1) Maths Foundation Revision Guide

The Pearson Edexcel GCSE (9-1) Computer Science Student Book will support you through your GCSE in computer science with a scenario-based approach to problem solving and computational thinking. The content is designed to inspire and motivate by helping you to relate and apply your skills to real-world contexts and make learning relevant.

How seeing turns into showing, how empirical observations turn into explanation and evidence. How to produce and consume evidence presentations.

"Free access to instantly scored online practice!" -Cover

This report presents the conceptual foundations of the OECD Programme for International Student Assessment (PISA), now in its seventh cycle of comprehensive and rigorous international surveys of student knowledge, skills and well-being. Like previous cycles, the 2018 assessment covered reading, mathematics and science, with the major focus this cycle on reading literacy, plus an evaluation of students' global competence - their ability to understand and appreciate the perspectives and world views of others. Financial literacy was also offered as an optional assessment.

A Brief Guide to the Great Equations

Key Maths GCSE

Algebra and Trigonometry

BOND 11+ English, Maths, Non-Verbal Reasoning, Verbal Reasoning: Assessment Papers

Developed for the AQA Specification, revised for the new National Curriculum and the new GCSE specifications. The Teacher File contains detailed support and guidance on advanced planning, points of emphasis, key words, notes for non-specialist, useful supplementary ideas and homework sheets.

Key Maths GCSE - Higher Nelson Thornes

Now with fully expanded answers in a pull out section, the essential Bond Assessment Papers in a handy pack which covers the four core subjects: Maths, English, Verbal Reasoning and Non-Verbal Reasoning.

Here are the stories of the ten most popular equations of all time as voted for by readers of Physics World, including - accessibly described here for the first time - the favourite equation of all, Euler's equation. Each is an equation that captures with beautiful simplicity what can only be described clumsily in words. Euler's equation (e^{ip} + 1 = 0) was described by respondents as 'the most profound mathematic statement ever written', 'uncanny and sublime', 'filled with cosmic beauty' and 'mind-blowing'. Collectively these equations also amount to the world's most concise and reliable body of knowledge. Many scientists and those with a mathematical bent have a soft spot for equations. This book explains both why these ten equations are so beautiful and significant, and the human stories behind them.

Oxford Revise: AQA GCSE Physics Revision and Exam Practice

Fundamentals of Mathematics 1

College Algebra

Mineract Maths

Critical Thinking Skills For Dummies

Who knew that math could be so cool? Minecraft is an educational game full of mathematical concepts. Inside this book, you will find fun, Minecraft themed kid-appealing math problems to solve. With over 90 math problems on topics from jungle temples to creeper battles, this book bursts with math that looks nothing like school. The book will help children practice the essential math skills they learn in school. Provides practice at all the major topics for Grades 3-5 with emphasis on division, addition, subtraction and relationships among fractions, decimals, and percentages. Spatial awareness, area and volume measurement are covered too. The idea is to make it easy for teachers or parents to supplement what kids are learning in school with complementary math problems that are more engaging and fun.

Scholars of all stripes are turning their attention to materials that represent enormous opportunities for the future of humanistic inquiry. The purpose of this book is to impart the concepts that underlie the mathematics they are likely to encounter and to unfold the notation in a way that removes that particular barrier completely. This book is a primer for developing the skills to enable humanist scholars to address complicated technical material with confidence. This book, to put it plainly, is concerned with the things that the author of a technical article knows, but isn't saying. Like any field, mathematics has its own assumptions, and it is our purpose to elucidate some of those assumptions for the newcomer. The individual subjects we tackle are (in order): logic and proof, discrete mathematics, abstract algebra, probability and statistics, calculus, and differential equations.

A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Written for the AQA GCSE Mathematics Foundation tier specification for first teaching from 2015, our Homework Book is an ideal companion to the AQA Foundation tier Student Book and can be used as a standalone resource. With exercises that correspond to each section of the Student Book, it offers a wealth of additional questions for practice and consolidation. Our Homework Books contain a breadth and depth of questions covering a variety of skills, including problem-solving and mathematical reasoning, as well as extensive drill questions. Answers to all questions are available free on the Cambridge University Press UK Schools website.

Exam Board: OCR Level: GCSE Subject: Computer Science First Teaching: September 2016 First Exam: June 2018 Build student confidence and ensure successful progress through GCSE Computer Science. Our expert authors provide insight and guidance to meet the demands of the new OCR specification, with challenging tasks and activities to test the computational skills and knowledge required for success in their exams, and advice for successful completion of the non-examined assessment. - Builds students' knowledge and confidence through detailed topic coverage and explanation of key terms - Develops computational thinking skills with practice exercises and problem-solving tasks - Ensures progression through GCSE with regular assessment questions, that can be developed with supporting Dynamic Learning digital resources - Instils a deeper understanding and awareness of computer science, and its applications and implications in the wider world

Student book

Beautiful Evidence

An Overview

Key Maths

GCSE Mathematics for Edexcel Higher Student Book

Based on principles of cognitive science, this three-step approach to effective revision combines knowledge, retrieval and interleaving, and extensive exam-style practice to help students master knowledge and skills for GCSE success. UK schools save 50% off the RRP! Discount will be automatically applied when you order on your school account.

"Written specifically for Edexcel's new IGCSE Physics (from 2009) qualification in a clear and engaging style that students will find easy to understand. This book includes a wide range of activities and exercises for self-study, as well as examination style questions and summaries to aid revision."--Publisher's description.

A student-friendly and engaging resource for the 2016 Edexcel GCSE Geography B specification, this brand new course is written to match the demands of the specification. As well as providing thorough and rigorous coverage of the spec, this book is designed to engage students in their learning and to motivate them to progress.

Reaching the Unseen Children provides a powerful and accessible resource for schools working to raise the attainment of all disadvantaged pupils, with particular emphasis on white children from low-income backgrounds. This group - especially boys - consistently on average underperform in the education system, and the effects of COVID-19 will only have widened the gap. Drawing on her long experience of working with disadvantaged and left-behind communities, Jean Gross describes the path that many children take, from early language delays to persistent literacy and numeracy difficulties, which lead to progressive disengagement from learning. She argues that progress will only be made through early intervention and building pupils' sense of capability, and sets out low-cost, low-effort ways in which teachers can transform outcomes for their students - through the everyday language they use, the expectations they convey, and the relationships they build with pupils and their parents. Providing practical, evidence-based strategies and case studies of schools with outstanding practice, this an essential guide for anyone working in education who is seeking equity for all their pupils.

GCSE Mathematics for AQA Foundation Homework Book

GCSE Computer Science for OCR Student Book

Practice, Reasoning and Problem-Solving Book Higher

Weird But True! 2022

Edexcel Higher

"The text is suitable for a typical introductory algebra course, and was developed to be used flexibly. While the breadth of topics may go beyond what an instructor would cover, the modular approach and the richness of content ensures that the book meets the needs of a variety of programs."--Page 1.

This resource has been developed to provide additional support for delivering and supporting ICT at GCSE. Linked to Key Maths, it can be also be used together with other resources. Each program contains a range of self-contained activities that do not require a detailed understanding of the software.

A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the Edexcel GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book provides full coverage of the new GCSE Mathematics qualification. With a strong focus on developing problem-solving skills, reasoning and fluency, it helps students understand concepts, apply techniques, solve problems, reason, interpret and communicate mathematically. Written by experienced teachers, it also includes a solid breadth and depth of quality questions set in a variety of contexts. GCSE Mathematics Online - an enhanced digital resource incorporating progression tracking - is also available, as well as a free Teacher's Resource, Problem-solving Books and Homework Books.

A new series of bespoke, full-coverage resources developed for the 2016 GCSE Computer Science qualifications. Written for the OCR GCSE Computer Science specification for first teaching from 2016, this print Student Book uses an exciting and engaging approach to help students build their knowledge and master underlying computing principles and concepts. Designed to develop computational thinking, programming and problem-solving skills, this resource includes challenges that build on learning objectives, and real-life examples that demonstrate how computer science relates to everyday life. Remember features act as revision references for students and key mathematical skills relevant to computer science are highlighted throughout. A digital Cambridge Elevate-enhanced Edition and a free digital Teacher's Resource are also available.

GCSE Maths Edexcel Higher Student Book (Collins GCSE Maths)

Reaching the Unseen Children

Calculus

Intermediate I ICT Resource

Wild and Wacky Facts and Photos!

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

Our Practice, Problem Solving and Reasoning Books provide students with questions relating to every exercise in the main lessons of the Student Book to give twice the practice.

Big Math Notebook Graph Paper Composition 1/2 Inch Squares, Soft Cover, Non-Perforated, Non-Spiral Specification: 120 pages (60 sheets) - 8.5 x 11 (21.59cm x 27.94cm) Lightly lined pages, Quad ruled 2x2 - 2 squares per inch. High quality paper - Minimal ink bleed-through. Soft matte cover bound - Non-spiral Good quality white paper - perfect for drawing, math, graphing and science design

Turbocharge your reasoning with Critical Thinking Just what are the ingredients of a great argument? What is the secret to communicating your ideas clearly and persuasively? And how do you see through sloppy thinking and flim-flam? If you've ever asked any of these questions, then this book is for you! These days, strong critical thinking skills provide a vital foundation for academic success, methodology, and conclusions, evaluate evidence, and interpret texts effectively. You'll also find tips and guidance on reading between the lines, assessing validity - and even advice on when not to apply logic too rigidly! Critical Thinking Skills for Dummies: Provides tools and strategies from a range of disciplines great for developing your reflective thinking skills Offers expert guidance on sound reasoning and textual analysis Shows precisely how to use concept mapping and brainstorming to generate insights Demonstrates how critical thinking skills is a proven path to success as a student Whether you're undertaking reviews, planning research projects or just keen to give your brain a workout, Critical Thinking Skills For Dummies equips you with everything you need to succeed.

Edexcel IGCSE Physics

Perfect ICT Every Lesson

GCSE Geography Edexcel B

1001 Math Problems

GCSE - Higher

The world is so much more than it seems! With only paper, scissors, a camera, and his vivid imagination, globe-hopping artist Paperboyo transforms real iconic landmarks and settings around the world into works of art and amusement by just holding up a cutout and snapping a photo. Here is New York's Guggenheim Museum as a flowerpot, the Eiffel Tower sporting the Roman Colosseum, and nearly a hundred more images of wonder and humor. Featuring favorites from his wildly popular Instagram feed plus many never-before-seen delights, entertaining captions, behind-the-scenes, and cutouts for readers to make their own images. Around the World in Cutouts encourages a different and delightful view of the world around us.

Series Editor: Mark Levesley Pearson's resources are designed to be simple, inclusive and inspiring and to support students in studying for Edexcel GCSE (9-1) Physics.

Developed for the CCEA Specification, this Teacher File contains detailed support and guidance on advanced planning, points of emphasis, key words, notes for the non-specialist, useful supplementary ideas and homework sheets.

Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective. Past examinations questions are essential to good preparation, improve your understanding of the specification, and help you to identify areas where you need to focus your revision. This guide provides a wealth of practice questions, worked examples, and expert advice on how to use your revision guide most effectively. Each specification topic has been referenced and distilled into the key points to make in an examination for top marks. Questions on all topics assessing knowledge, application and analysis are all specifically and expertly designed to test your understanding of the specification.

Edexcel GCSE (9-1) Physics Student Book

PISA 2018 Assessment and Analytical Framework

Microsoft Manual of Style

Principles and Standards for School Mathematics

Mathematics for Machine Learning

UK schools pay just 50% of the RRP! Discount automatically applied when ordering on your school account. Straightforward, visual, accessible: Oxford Revise AQA GCSE Maths offers no-fuss Revision Guides and Workbooks. Every topic is covered on a single page, providing a simple pick-up-and-go solution. Perfect for GCSE Maths students everywhere.

Exam Board: Edexcel Level & Subject: GCSE Maths First teaching: September 2015 First exams: June 2017 Endorsed by Edexcel

Maximize the impact and precision of your message! Now in its fourth edition, the Microsoft Manual of Style provides essential guidance to content creators, journalists, technical writers, editors, and everyone else who writes about computer technology. Direct from the Editorial Style Board at Microsoft—you get a comprehensive glossary of both general technology terms and those specific to Microsoft; clear, concise usage and style guidelines with helpful examples and alternatives; guidance on grammar, tone, and voice; and best practices for writing content for the web, optimizing for accessibility, and communicating to a worldwide audience. Fully updated and optimized for ease of use, the Microsoft Manual of Style is designed to help you communicate clearly, consistently, and accurately about technical topics—across a range of audiences and media.

Planned, developed and written by practising classroom teachers with a wide variety of experience in schools, this maths course has been designed to be enjoyable and motivating for pupils and teachers. The course is open and accessible to pupils of all abilities and backgrounds, and is differentiated to provide material which is appropriate for all pupils. It provides spiral coverage of the curriculum which involves regular revisiting of key concepts to promote familiarity through practice. This book, designed for the higher level of the GCSE, adheres to the Edexcel specification.

10-11 Years Bundle

Around the World in Cut-Outs

Basic Math and Pre-Algebra Workbook For Dummies

Edexcel GCSE (9-1) Mathematics

Edexcel GCSE (9-1) Computer Science

College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. College Algebra offers a wealth of examples with detailed, conceptual explanations, building a strong foundation in the material before asking students to apply what they've learned. Coverage and Scope In determining the concepts, skills, and topics to cover, we engaged dozens of highly experienced instructors with a range of student audiences. The resulting scope and sequence proceeds logically while allowing for a significant amount of flexibility in instruction.

Chapters 1 and 2 provide both a review and foundation for study of Functions that begins in Chapter 3. The authors recognize that while some institutions may find this material a prerequisite, other institutions have told us that they have a cohort that need the prerequisite skills built into the course. Chapter 1: Prerequisites Chapter 2: Equations and Inequalities Chapters 3-6: The Algebraic Functions Chapter 3: Functions Chapter 4: Linear Functions Chapter 5: Polynomial and Rational Functions Chapter 6: Exponential and Logarithm Functions Chapters 7-9: Further Study in College Algebra Chapter 7: Systems of Equations and Inequalities Chapter 8: Analytic Geometry Chapter 9: Sequences, Probability and Counting Theory

OCR Computer Science for GCSE Student Book

GCSE Mathematics for OCR Higher Student Book

Practical Strategies for Closing Stubborn Attainment Gaps in Disadvantaged Groups

Six Septembers: Mathematics for the Humanist