

Pixl Aqa Maths 2015

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Volatile Organic Compounds in the Atmosphere Ralf Koppmann 2008-04-15 Every day, large quantities of volatile organic compounds (VOCs) are emitted into the atmosphere from both anthropogenic and natural sources. The formation of gaseous and particulate secondary products caused by oxidation of VOCs is one of the largest unknowns in the quantitative prediction of the earth's climate on a regional and global scale, and on the understanding of local air quality. To be able to model and control their impact, it is essential to understand the sources of VOCs, their distribution in the atmosphere and the chemical transformations which remove these compounds from the atmosphere. In recent years techniques for the analysis of organic compounds in the atmosphere have been developed to increase the spectrum of detectable compounds and their detection limits. New methods have been introduced to increase the time resolution of those measurements and to resolve more complex mixtures of organic compounds. *Volatile Organic Compounds in the Atmosphere* describes the current state of knowledge of the chemistry of VOCs as well as the methods and techniques to analyse gaseous and particulate organic compounds in the atmosphere. The aim is to provide an authoritative review to address the needs of both graduate students and active researchers in the field of atmospheric chemistry research.

Edexcel AS and a Level Modular Mathematics Core Mathematics 1 C1 Greg Attwood 2008-04 "This book helps in raising and sustaining motivation for better grades. These books are the best possible match to the specification, motivating readers by making maths easier to learn. They include complete past exam papers and student-friendly worked solutions which build up to practice questions, for all round exam preparation. These books also feature real-life applications of maths through the 'Life-links' and 'Why ...?' pages to show readers how this maths relates, presenting opportunities to stretch and challenge more apply students. Each book includes a Live Text CDROM which features: fully worked solutions examined step-by-step, animations for key learning points, and revision support through the Exam Cafe."--Publisher's description

Principal Component Analysis I.T. Jolliffe 2013-03-09 Principal component analysis is probably the oldest and best known of the It was first introduced by Pearson (1901), techniques of multivariate analysis. and developed independently by Hotelling (1933). Like many multivariate methods, it was not widely used until the advent of electronic computers, but it is now well entrenched in virtually every statistical computer package. The central idea of principal component analysis is to reduce the dimensionality of a data set in which there are a large number of interrelated variables, while retaining as much as possible of the variation present in the data set. This reduction is achieved by transforming to a new set of variables, the principal components, which are uncorrelated, and which are ordered so that the first few retain most of the variation present in all of the original variables. Computation of the principal components reduces to the solution of an eigenvalue-eigenvector problem for a positive-semidefinite symmetric matrix. Thus, the definition and computation of principal components are straightforward but, as will be seen, this apparently simple technique has a wide variety of different applications,

as well as a number of different derivations. Any feelings that principal component analysis is a narrow subject should soon be dispelled by the present book; indeed some quite broad topics which are related to principal component analysis receive no more than a brief mention in the final two chapters.

Grammar for GCSE English (9-1): Crafting Brilliant Sentences Teacher Pack Lindsay Skinner 2019-04 Exam Board: AQA, Edexcel, OCR, WJEC, Eduqas Level & Subject: Key Stage 3 English, GCSE English Language, GCSE English Literature First teaching: September 2015 First exams: June 2017 A systematic approach to teaching sentence grammar to help students craft successful narrative, descriptive and discursive writing for GCSE. Improve accuracy and help take your students' writing into the highest mark bands with this practical teacher pack. - Provides a consistent approach for your department, working through each element of the sentence and enabling you to target areas of weakness. - Help students understand and then apply their knowledge: each chapter focuses first on understanding an element of the sentence and secondly on using it for effect. - Craft writing for GCSE with lessons on narrative, description and discursive texts, including analytical writing for Language and Literature. - Support progress: further intervention activities help students to embed their learning, while a progress-tracking spreadsheet allows you to monitor the results. - Build your confidence in teaching grammar with detailed teacher notes, suggested answers and ready-to-use worksheets and PowerPoints. - Adapt the resources to your needs: the flexible format means lessons can be taught as a full programme or dipped into and edited to fit your own schemes of work. - Expert support, tried and tested in the classroom.

Year 1 Maths Targeted Practice Collins Ks1 2017-01-09 Based on new research that proves repeated practice is more effective than repeated study, this Year 1 workbook is guaranteed to help improve performance in SATs and assessments. When it comes to getting the best results, practice really does make perfect! Matched to the requirements of the National Curriculum, this Maths Practice Workbook targets every topic in Year 1. * Questions for every topic organised into three levels of increasing difficulty.* Progress tests throughout the book for ongoing assessment* Children can record their results and track their own progress* Pull-out answer section included *Multicriteria Decision Analysis in Geographic Information Science* Jacek Malczewski 2015-02-02 This book is intended for the GIS Science and Decision Science communities. It is primarily targeted at postgraduate students and practitioners in GIS and urban, regional and environmental planning as well as applied decision analysis. It is also suitable for those studying and working with spatial decision support systems. The main objectives of this book are to effectively integrate Multicriteria Decision Analysis (MCDA) into Geographic Information Science (GIScience), to provide a comprehensive account of theories, methods, technologies and tools for tackling spatial decision problems and to demonstrate how the GIS-MCDA approaches can be used in a wide range of planning and management situations.

Mathematical Tasks Chris McGrane 2020-10-01 If we want our pupils to develop fluency, understanding and the ability to solve complex problems, then it is vital that teachers develop the ability to select, adapt and design

appropriate mathematical tasks. In 'Mathematical Tasks: The Bridge Between Teaching and Learning', Chris McGrane and Mark McCourt a range of practical approaches, strategies and principles behind the design and effective use of tasks in the mathematics classroom that lead to all pupils becoming successful learners. First-hand interviews with world class mathematics education experts and practicing teachers bring to life the ideas behind how tasks can act as a bridge between what the teacher wants the pupil to make sense of and what the pupil actually does makes sense of; tasks are how we enable pupils to enact mathematics - it is only by being mathematical that pupils can truly make connections across mathematical ideas and understand the bigger picture. This is a book for classroom teachers. Chris McGrane offers a range of practical examples for nurturing deep learning in mathematics that can be adapted and embedded in one's own classroom practice. This is also a book for those who are interested in the theory behind tasks. Chris and his interviewees examine the key role tasks play in shaping learning, teaching, curriculum and assessment. Suitable for teachers at all stages in their careers and teachers are encouraged to return to the book from time to time over the years to notice how their use of tasks in the classroom changes as they themselves develop.

GCSE English Language for AQA Progress Student Book Clare Constant 2015-06-04 Specifically written for the AQA GCSE English language specification for first teaching from 2015, this student book is designed for students to progress to grade 5, with extension activities to facilitate achievement beyond this. With progress at its heart, this differentiated resource covers a range of 19th-, 20th-, and 21st-century texts and has spelling, punctuation, and grammar support integrated throughout.

City of the Beasts Isabel Allende 2021-01-05 A search for the Beast, a Yeti-like creature within the heart of the Amazon, becomes a quest for self-discovery in this young adult coming-of-age story filled with international adventure, rich mythology, and magical realism from globally celebrated novelist Isabel Allende. Fifteen-year-old Alexander Cold has the chance to take the trip of a lifetime. Parting from his family and ill mother, Alexander joins his fearless grandmother, a magazine reporter for International Geographic, on an expedition to the dangerous, remote world of the Amazon. Their mission, along with the others on their team—including a celebrated anthropologist, a local guide and his young daughter Nadia, and a doctor—is to document the legendary Yeti of the Amazon known as the Beast. Under the dense canopy of the jungle, Alexander is amazed to discover much more than he could have imagined about the hidden worlds of the rain forest. Drawing on the strength of the jaguar, the totemic animal Alexander finds within himself, and the eagle, Nadia's spirit guide, both young people are led by the invisible People of the Mist on a thrilling and unforgettable journey to the ultimate discovery.

GCSE Geography Edexcel B 2020-07-16 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.

New Maths for GCSE and IGCSE Textbook, Higher (for the Grade 9-1 Course) CGP Books 2015-05-07

Cambridge Advanced Learner's Dictionary KLETT VERSION Kate Woodford 2003-02-13 The Cambridge Advanced Learner's Dictionary gives the vital support which advanced students need, especially with the essential skills: reading, writing, listening and speaking. In the book: * 170,000 words, phrases and examples * New words: so your English stays up-to-date * Colour headwords: so you can find the word you are looking for quickly * Idiom Finder * 200 'Common Learner Error' notes show how to avoid common mistakes * 25,000 collocations show the way words work together * Colour pictures: 16 full page colour pictures On the CD-ROM: * Sound: recordings in British and American English, plus practice tools to help improve pronunciation * UNIQUE! Smart Thesaurus helps you choose the right word * QUICKfind looks up words for you while you are working or reading on screen

* UNIQUE! SUPERwrite gives on screen help with grammar, spelling and collocation when you are writing * Hundreds of interactive exercises

GCSE Maths Edexcel Higher Student Book (Collins GCSE Maths) Kevin Evans 2021-09-20 Exam Board: Edexcel Level & Subject: GCSE Maths First teaching: September 2015 First exams: June 2017 Endorsed by Edexcel **Making it as a Teacher** Victoria Hewett 2019-05-10 Teaching is a delightfully rewarding, wonderfully enlightening and diverse career. Yet, at present, teacher recruitment and retention are in crisis, with some of the most at risk of leaving the profession being those in their early years of teaching. Making it as a Teacher offers a variety of tips, anecdotes, real-life examples and practical advice to help new teachers survive and thrive through the first 5 years of teaching, from the first-hand experiences of a teacher and middle leader. Divided into thematic sections, Making It, Surviving and Thriving, the book explores the issues and challenges teachers may face, including: Lesson planning, marking and feedback Behaviour and classroom management Work-life balance Progression, CPD and networking With the voices of teaching professionals woven throughout, this is essential reading for new teachers, those undertaking initial teacher training, QT mentors and other teaching staff that support new teachers in the early stages of their career.

GCSE Mathematics for AQA Higher Student Book Karen Morrison 2015-04-30 A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Approved by AQA and created specifically for the GCSE Mathematics Higher tier specification for first teaching from 2015, this Student Book covers 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 Problem-solving Books, Homework Books and a free Teacher's Resource.

Edexcel A Level Maths: Year 2 Katie Wood 2020-10-08 This Student Book provides full support for year two of an Edexcel A Level course. Written by a well recognised author team of experienced teachers, this book supports the major changes in assessment style. Using clear and concise explanations, and abundant worked examples, it covers all the pure, mechanics and statistics content needed.

Oxford Revise: AQA GCSE (9-1) Maths Foundation Revision Guide Katie Wood 2020-03 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.

Edexcel GCSE Science Mark Levesley 2011-04-01 This book features high quality, engaging content to motivate and support your students and help your students achieve their potential with a range of exam-style questions, sample student answers and step-by-step guidance on the new question types.

Advanced Spatial Modeling with Stochastic Partial Differential Equations Using R and INLA Elias T. Krainski 2018-12-07 Modeling spatial and spatio-temporal continuous processes is an important and challenging problem in spatial statistics. Advanced Spatial Modeling with Stochastic Partial Differential Equations Using R and INLA describes in detail the stochastic partial differential equations (SPDE) approach for modeling continuous spatial processes with a Matérn covariance, which has been implemented using the integrated nested Laplace approximation (INLA) in the R-INLA package. Key concepts about modeling spatial processes and the SPDE approach are explained with examples using simulated data and real applications. This book has been authored by leading experts in spatial statistics, including the main developers of the INLA and SPDE methodologies and the R-INLA package. It also includes a wide range of applications: * Spatial and spatio-temporal models for continuous

outcomes * Analysis of spatial and spatio-temporal point patterns * Coregionalization spatial and spatio-temporal models * Measurement error spatial models * Modeling preferential sampling * Spatial and spatio-temporal models with physical barriers * Survival analysis with spatial effects * Dynamic space-time regression * Spatial and spatio-temporal models for extremes * Hurdle models with spatial effects * Penalized Complexity priors for spatial models All the examples in the book are fully reproducible. Further information about this book, as well as the R code and datasets used, is available from the book website at <http://www.r-inla.org/spde-book>. The tools described in this book will be useful to researchers in many fields such as biostatistics, spatial statistics, environmental sciences, epidemiology, ecology and others. Graduate and Ph.D. students will also find this book and associated files a valuable resource to learn INLA and the SPDE approach for spatial modeling.

Cambridge IGCSE Computer Science David Watson 2015-01-30 Endorsed by Cambridge International Examinations. Develop your students computational thinking and programming skills with complete coverage of the latest syllabus from experienced examiners and teachers. - Follows the order of the syllabus exactly, ensuring complete coverage - Introduces students to self-learning exercises, helping them learn how to use their knowledge in new scenarios Accompanying animation files of the key concepts are available to download for free online. See the Quick Links to the left to access. This book covers the IGCSE (0478), O Level (2210) and US IGCSE entry (0473) syllabuses, which are for first examination 2015. It may also be a useful reference for students taking the new Computer Science AS level course (9608).

Data Fusion Mathematics Jitendra R. Raol 2015-08-27 Fills the Existing Gap of Mathematics for Data Fusion Data fusion (DF) combines large amounts of information from a variety of sources and fuses this data algorithmically, logically and, if required intelligently, using artificial intelligence (AI). Also, known as sensor data fusion (SDF), the DF fusion system is an important component for use in various applications that include the monitoring of vehicles, aerospace systems, large-scale structures, and large industrial automation plants. *Data Fusion Mathematics: Theory and Practice* offers a comprehensive overview of data fusion, and provides a proper and adequate understanding of the basic mathematics directly related to DF. The material covered can be used for evaluation of the performances of any designed and developed DF systems. It tries to answer whether unified data fusion mathematics can evolve from various disparate mathematical concepts, and highlights mathematics that can add credibility to the data fusion process. Focuses on Mathematical Tools That Use Data Fusion This text explores the use of statistical/probabilistic signal/image processing, filtering, component analysis, image algebra, decision making, and neuro-FL-GA paradigms in studying, developing and validating data fusion processes (DFP). It covers major mathematical expressions, and formulae and equations as well as, where feasible, their derivations. It also discusses SDF concepts, DF models and architectures, aspects and methods of type 1 and 2 fuzzy logics, and related practical applications. In addition, the author covers soft computing paradigms that are finding increasing applications in multisensory DF approaches and applications. This book: Explores the use of interval type 2 fuzzy logic and ANFIS in DF Covers the mathematical treatment of many types of filtering algorithms, target-tracking methods, and kinematic DF methods Presents single and multi-sensor tracking and fusion mathematics Considers specific DF architectures in the context of decentralized systems Discusses information filtering, Bayesian approaches, several DF rules, image algebra and image fusion, decision fusion, and wireless sensor network (WSN) multimodality fusion *Data Fusion Mathematics: Theory and Practice* incorporates concepts, processes, methods, and approaches in data fusion that can help you with integrating DF mathematics and achieving higher levels of fusion activity, and clarity of performance. This text is geared toward researchers, scientists, teachers and practicing engineers interested and working in the multisensor data fusion area.

Perfect ICT Every Lesson Mark Anderson 2013-09-30 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 subject reports from Ofsted and using them offers 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.

WJEC GCSE Chemistry Adrian Schmit 2016-11-14 Exam Board: WJEC Level: GCSE Subject: Chemistry First Teaching: September 2016 First Exam: June 2018 Welsh edition. Expand and challenge your students' knowledge and understanding of Chemistry with this textbook that guides students through each topic within the new curriculum; produced by a trusted author team and the established WJEC GCSE Science publisher. - Test understanding and reinforce learning with differentiated Test Yourself questions, Discussion points, exam-style questions and useful chapter summaries. - Provide support for all required practicals along with extra tasks for broader learning. - Support the mathematical and Working scientifically requirements of the new specification with opportunities to develop these skills throughout. - Supports the separate science Chemistry and is also suitable to support the WJEC GCSE Science (Double Award) qualification.

The Gendered Brain Gina Rippon 2020-02-13 Barbie or Lego? Reading maps or reading emotions? Do you have a female brain or a male brain? Or is that the wrong question? On a daily basis we face deeply ingrained beliefs that our sex determines our skills and preferences, from toys and colours to career choice and salaries. But what does this mean for our thoughts, decisions and behaviour? Using the latest cutting-edge neuroscience, Gina Rippon unpacks the stereotypes that bombard us from our earliest moments and shows how these messages mould our ideas of ourselves and even shape our brains. Rigorous, timely and liberating, *The Gendered Brain* has huge repercussions for women and men, for parents and children, and for how we identify ourselves. 'Highly accessible... Revolutionary to a glorious degree' Observer

A Compendium of Mathematical Methods Jo Morgan 2020-02-04 Brings together over one hundred different approaches from classrooms worldwide, exposing mathematicians to methods that they've never before encountered.

1001 Math Problems LearningExpress LLC 2013 1001 math problems will teach you how to: master core concepts to prepare for important exams, learn math rules and how to apply them to problems, learn math skills you can apply when solving problems at all levels, and overcome math anxiety through skills reinforcement and focused practice.

A Level Computer Science for Aqa Unit 1 Kevin Roy Bond 2017-02-09 This textbook covers sections 4.1 to 4.4 of AQA's A Level Computer Science specification for first teaching from September 2015. These sections cover the fundamentals of programming, data structures, algorithms, and the theory of computation. Fundamentals of programming: data types, programming concepts, arithmetic operations, relational operators, Boolean operations, constants and variables, string-handling, random number generation, exception handling, subroutines, parameters of subroutines, returning a value/values from a subroutine, local variables, global variables, role of stack frames in subroutine calls, recursive techniques, procedural-oriented programming, object-oriented programming. Fundamentals of data structures: data structures, single- and multi-dimensional arrays, files, records and files, abstract data types, queues, stacks, graphs, trees, hash tables, dictionaries, vectors. Fundamentals of algorithms: graph traversal (breadth-first, depth-first), tree-traversal (pre-order, in-order, post-order), Reverse Polish, searching algorithms (linear search, binary search, binary tree search), sorting algorithms (bubble sort, merge sort), optimisation algorithms (Dijkstra's shortest path algorithm). Theory of computation: abstraction and automation, following and writing algorithms, information hiding, procedural abstraction, functional abstraction, data abstraction, problem abstraction/reduction, decomposition, composition, automation, regular languages, finitist state machine with and without output, maths for regular expressions, regular expressions, regular language, context-

free languages (BNF, syntax diagrams), classification of algorithms, maths for understanding Big-O notation, order of complexity, limits of computation, classification of algorithmic problems, computable and non-computable problems, halting problem, Turing machine.

An Inspector Calls John B. Priestley 2010 This brilliant series now includes new editions of 17 top titles full-colour, A4 format to meet the changing needs of GCSE students. Written by GCSE examiners and teachers to give all students an expert understanding of the text, they include: * an invaluable exam skills section with essay plans, sample answers and expert guidance on understanding exam questions to show students what they need to do to reach their potential. * a wealth of useful content including key quotes, checklists, study tips and short activities to help students revise effectively. * the widest coverage with in-depth analysis of character, themes, language, context and style helping students reach an excellent understanding of the text.

75 Long Answer Questions in GCSE Science Primrose Kitten 2018-03-11 Answering six mark questions in your GCSE is much more than just writing down six correct things. There is a skill to answering them that needs to be practiced. Here I have written 25 questions on each subject, given you the answers and guided you through how to answer to get full marks. The more you practice, the more confident you'll be in the exam! Example Question 58 - Renewable and Non-Renewable Energy Sources In June 2017, for the first time, over 50% of energy in the UK was supplied by renewable energy. The UK government is leading a drive to promote the increased use of renewable energy sources for generating electricity. Evaluate the use of renewable and non-renewable energy sources. Planning... * Evaluate give good points, bad points your option and justify your opinion* You can use a table for planning* What are the good points (aim for at least 2)?* What are the bad points (aim for at least 2)?* What is your opinion?* Explain why you have that opinion* Don't stress too much about your opinion, the examiner is never going to cross-examine you on this, just make one up Table of Contents* Exam command words * Glossary of exam command words * How to answer 6-mark questions * How the examiners will mark your work * Biology * 1 - Drugs * 2 - Respiration * 3 - Genetic Engineering * 4 - Plant Growth * 5 - Digestive System * 6 - Reflex Arcs * 7 - Leaves * 8 - Pathogens * 9 - Genetic Testing * 10 - Contraception * 11 - IVF * 12 - Defence Against Pathogens * 13 - Drugs in Sport * 14 - Cloning * 15 - Stem Cells * 16 - Menstrual Cycle * 17 - IVF * 18 - Cells * 19 - Enzymes * 20 - Homeostasis * 21 - Blood * 22 - Genetic Disorders * 23 - Enzymes * 24 - Hormonal Contraception. * 25 - Plants * Chemistry * 26 - Covalent bonding * 27 - Rates of Reaction (concentration) * 28 - Atoms and Ions * 29 - Magnesium Chloride * 30 - Reactivity series * 31 - Extracting Copper * 32 - Rates of Reaction (Temperature) * 33 - Water * 34 - Properties of mystery white powders * 35 - Fractional Distillation * 36 - Diamond and Graphite * 37 - Le Chatelier's Principle * 38 - Evolution of Atmosphere * 39 - Life Cycle Assessment * 40 - Metals * 41 - Carbon in the Atmosphere * 42 - Reactivity in Group 1 and Group 7 * 43 - States of Matter * 44 - Rate of Reaction (surface area) * 45 - The Periodic Table * 46 - Models of the Atom * 47 - Group 1 * 48 - Group 7 * 49 - Aluminium Electrolysis * 50 - Acids and Alkalis * Physics * 51 - Generators * 52 - Radioactivity * 53 - Journeys * 54 - Thermistors * 55 - Nuclear Power * 56 - Isotopes * 57 - Forces * 58 - Renewable and Non-Renewable Energy Sources * 59 - AC/DC * 60 - Surfaces * 61 - Car Safety * 62 - Climate Change * 63 - Heating * 64 - National Grid * 65 - Energy Changes * 66 - Diodes * 67 - Circuits * 68 - Waves * 69 - Electromagnetic Spectrum * 70 - Loudspeakers * 71 - Waves * 72 - Newton's Laws of Motion * 73 - Atmosphere * 74 - Weight and Mass * 75 - Electrical Safety * Answers

Spin-Wave Theory and Its Applications to Neutron Scattering and THz Spectroscopy Fishman Randy S 2018 Teaching Student-Centered Mathematics Pearson Etext Access Code John a. Van De Walle 2017-01-28 NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for the Enhanced Pearson eText may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. This access code card provides

access to the Enhanced Pearson eText. Helping students make connections between mathematics and their worlds- and helping them feel empowered to use math in their lives-is the focus of this widely popular guide. Designed for classroom teachers, the book focuses on specific grade bands and includes information on creating an effective classroom environment, aligning teaching to various standards and practices, such as the Common Core State Standards and NCTM's teaching practices, and engaging families. The first portion of the book addresses how to build a student-centered environment in which children can become mathematically proficient, while the second portion focuses on practical ways to teach important concepts in a student-centered fashion. The new edition features a corresponding Enhanced Pearson eText version with links to embedded videos, blackline masters, downloadable teacher resource and activity pages, lesson plans, activities correlated to the CCSS, and tables of common errors and misconceptions. Improve mastery and retention with the Enhanced Pearson eText This access code card provides access to the new Enhanced Pearson eText, a rich, interactive learning environment designed to improve student mastery of content with the following multimedia features: Engaging. The new interactive, multimedia learning features were developed by the authors and other subject-matter experts to deepen and enrich the learning experience. Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad(R) and Android(R) tablet.* Affordable. Experience the advantages of the Enhanced Pearson eText along with all the benefits of print for 40% to 50% less than a print bound book. *The Enhanced eText features are only available in the Pearson eText format. They are not available in third-party eTexts or downloads. *The Pearson eText App is available on Google Play and in the App Store. It requires Android OS 3.1-4, a 7- or 10- tablet, or iPad iOS 5.0 or later.

Edexcel Gcse Maths: Gcse: Edexcel Gcse Maths Higher Student Book Marguerite Appleton 2015-02-28 Edexcel GCSE Maths, Higher Student Book has been created by experts to help deliver exam success in Edexcel's new Maths GCSE. Written for Higher tier students, the book focusses on developing students' fluency in key mathematical skills and problem solving using carefully chosen examples and extensive practice.

The Age of Surveillance Capitalism Shoshana Zuboff 2019-01-15 The challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to predict and control our behavior. In this masterwork of original thinking and research, Shoshana Zuboff provides startling insights into the phenomenon that she has named surveillance capitalism. The stakes could not be higher: a global architecture of behavior modification threatens human nature in the twenty-first century just as industrial capitalism disfigured the natural world in the twentieth. Zuboff vividly brings to life the consequences as surveillance capitalism advances from Silicon Valley into every economic sector. Vast wealth and power are accumulated in ominous new "behavioral futures markets," where predictions about our behavior are bought and sold, and the production of goods and services is subordinated to a new "means of behavioral modification." The threat has shifted from a totalitarian Big Brother state to a ubiquitous digital architecture: a "Big Other" operating in the interests of surveillance capital. Here is the crucible of an unprecedented form of power marked by extreme concentrations of knowledge and free from democratic oversight. Zuboff's comprehensive and moving analysis lays bare the threats to twenty-first century society: a controlled "hive" of total connection that seduces with promises of total certainty for maximum profit -- at the expense of democracy, freedom, and our human future. With little resistance from law or society, surveillance capitalism is on the verge of dominating the social order and shaping the digital future -- if we let it.

AQA GCSE Physics Teacher Handbook (Third Edition) Darren Forbes 2016-03-04 Specifically tailored for the new 2016 AQA GCSE Science (9-1) specifications, this third edition supports your students on their journey from Key Stage 3 and through to success in the new linear GCSE qualifications. This series help students and teachers monitor progress, while supporting the increased demand, maths, and new practical requirements.

GCSE Science James Napier 2013 Help your students prepare and pass their assessment with accessible science content presented at the right level. A new edition that completely covers the most recent specification with up-to-date past paper questions. Written by best-selling authors with substantial examining experience at both Foundation and Higher level for CCEA. - Builds up your students' knowledge with Key word definitions throughout - Enables practise for assessment with 'Test yourself' sections and exam practice questions - Ensures students' understanding with easy and accessible content written at the correct level

Oxford Revise: AQA GCSE Physics Revision and Exam Practice Helen Reynolds 2020-10-08 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.

AQA GCSE English Language: AQA GCSE English Language Student Book 1 Helen Backhouse 2015-01-01 This book develops the reading and writing skills that students will be assessed on in the exams. Using a thematic approach that focuses on the AOs, with SPAG delivered in context, this book supports students of all abilities. Peer

Salter's-Nuffield Advanced Biology

GCSE Computer Science for OCR Student Book

and self-assessment activities, end-of-chapter assessments and sample exam papers allow progress to be monitored.

Salter's 2002

New GCSE English Language AQA Workbook - For the Grade 9-1 Course (Includes Answers) CGP Books
2015-08-10

David Waller 2016-04-21 A new series of bespoke, full-coverage resources developed for the 2016 AQA and OCR 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.