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KEY=AQA - ROWE CASTILLO

AQA GCSE BIOLOGY 9-1 STUDENT BOOK (GCSE SCIENCE 9-1)

HarperCollins UK Exam Board: AQA Level & Subject: GCSE Biology First teaching: September 2016 First exams: June 2018 AQA approved

AQA GCSE (9-1) BIOLOGY STUDENT BOOK

Hachette UK Exam Board: AQA Level: GCSE Subject: Biology First Teaching: September 2016 First Exam: June 2018 AQA approved. Develop your students' scientific thinking and practical skills within a more rigorous curriculum; differentiated practice questions, progress tracking, mathematical support and assessment preparation will consolidate understanding and develop key skills to ensure progression. - Builds scientific thinking, analysis and evaluation skills with dedicated Working Scientifically tasks and support for the 8 required practicals, along with extra activities for broader learning - Supports students of all abilities with plenty of scaffolded and differentiated Test Yourself Questions, Show You Can challenges, Chapter review Questions and synoptic practice Questions - Supports Foundation and Higher tier students, with Higher tier-only content clearly marked - Builds Literacy skills for the new specification with key words highlighted and practice extended answer writing and spelling/vocabulary tests **FREE GCSE SCIENCE TEACHER GUIDES** These will be provided for free via our website. To request your free copies please email science@hodder.co.uk

INTERNATIONAL GCSE BIOLOGY FOR OXFORD INTERNATIONAL AQA EXAMINATIONS

The only textbook that fully supports the Oxford AQA International GCSE Biology specification (9201), for first teaching in September 2016. The enquiry-based, international approach builds scientific skills and knowledge, preparing students for the Oxford AQA International GCSE exams and supporting their progression to further A Level study.

SGILIAU HANFODOL AR GYFER TGAU GWYDDONIAETH (DWYRADD)

Hachette UK Build essential maths, literacy and working scientifically skills to boost marks in GCSE Biology and ensure that students reach their full potential. Suitable for all specifications, this skills book provides additional support and will help to: - Sharpen mathematical skills with plenty of practice questions and coverage of all the maths techniques needed for the exams. - Improve literacy skills with tips on how to write longer answers, plus peer-assessment marking activities. - Develop the working scientifically skills needed to plan, carry out and evaluate practical experiments, in order to secure the maximum number of marks. - Build confidence by putting skills into practice; using our three-step formula students will progress from worked examples to guided questions and exam-style questions, with fully-worked solutions in the book. - Raise performance in the exams with practical advice on how to revise effectively and tips on understanding the questions, command words and assessment objectives.

AQA GCSE (9-1) CHEMISTRY STUDENT BOOK

Hodder Education AQA approved. Expand and challenge your students' knowledge and understanding of Chemistry with this textbook that guides students through each topic, the 8 required practical activities and assessment requirements of the new 2016 AQA GCSE Chemistry specification. - Provides support for all 8 required practicals, along with extra tasks for broader learning - Tests understanding and consolidate learning with Test Yourself questions, Show you Can challenges, Chapter review questions and synoptic practice

questions - Supports Foundation and Higher tier students, with Higher tier-only content clearly marked - Builds Literacy skills for the new specification with key words highlighted and practice extended answer writing and spelling/vocabulary tests

AQA GCSE 9-1 BIOLOGY FOR COMBINED SCIENCE

Collins Exam Board: AQA Level & Subject: GCSE Combined Science: Trilogy First teaching: September 2016 First exams: June 2018 This Workbook will support and motivate students to reach their full potential with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic* Builds confidence with worked examples demonstrating how to answer different types of questions* Further support from hints and tips explaining command words, advising how to approach questions and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

AQA GCSE (9-1) COMBINED SCIENCE TRILOGY STUDENT BOOK

Hachette UK Exam Board: AQA Level: GCSE Subject: Science First Teaching: September 2016 First Exam: June 2018 AQA Approved Build your students' scientific thinking, analysis and evaluation with this textbook that leads them seamlessly from basic concepts to more complicated theories, with topical examples, practical activities and mathematical support throughout. - Developed specifically for the 2016 AQA GCSE Combined Science Trilogy specification. -Builds experimental, analytical and evaluation skills with activities that introduce the 16 required practicals, along with extra Working Scientifically tasks for broader learning -Provides plenty of opportunity for students to apply their knowledge and understanding with Test Yourself questions, Show You Can challenges, Chapter review questions and synoptic practice questions -Supports Foundation and Higher tier students in one book, with Higher tier-only content clearly marked. This book covers the topics in Biology Paper 1, Chemistry Paper 1, Physics Paper 1, Biology Paper 2, Chemistry Paper 2 and Physics Paper 2 FREE GCSE SCIENCE TEACHER GUIDES These will be provided for free via our website. To request your free copies please email science@hodder.co.uk

MY REVISION NOTES: AQA GCSE (9-1) COMBINED SCIENCE TRILOGY

Hodder Education Exam Board: AQA Level: GCSE Subject: Combined Science First Teaching: September 2016 First Exam: Summer 2018 Unlock your students' full potential with these revision guides from our best-selling series My Revision Notes With My Revision Notes your students can: - Manage their own revision with step-by-step support from experienced teachers with examining experience. - Apply scientific terms accurately with the help of definitions and key words. - Prepare for practicals with questions based on practical work. - Focus on the key points from each topic - Plan and pace their revision with the revision planner. - Test understanding with end-of-topic questions and answers. - Get exam ready with last minute quick quizzes available on the Hodder Education Website.

AQA GCSE (9-1) PHYSICS GRADE 5

Collins This Workbook will support and motivate students to reach their full potential with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic * Builds confidence with worked examples demonstrating how to answer different types of questions * Further support from hints and tips explaining command words, advising how to approach questions and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

AQA GCSE 9-1 CHEMISTRY FOR COMBINED SCIENCE

Collins Exam Board: AQA Level & Subject: GCSE Combined Science: Trilogy First teaching: September 2016 First exams: June 2018 This Workbook will support and motivate students to reach their full potential with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic* Builds confidence with worked examples demonstrating how to answer different types of questions* Further support from hints and tips explaining command words, advising how to approach questions

and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

AQA A LEVEL COMPUTER SCIENCE

Hachette UK Exam Board: AQA Level: AS/A-level Subject: Computer Science First Teaching: September 2015 First Exam: June 2016 This title has been approved by AQA for use with the AS and A-level AQA Computer Science specifications. AQA A-level Computer Science gives students the chance to think creatively and progress through the AQA AS and A-level Computer Science specifications. Detailed coverage of the specifications will enrich understanding of the fundamental principles of computing, whilst a range of activities help to develop the programming skills and computational thinking skills at A-level and beyond. - Enables students to build a thorough understanding of the fundamental principles in the AQA AS and A-Level Computer Science specifications, with detailed coverage of programming, algorithms, data structures and representation, systems, databases and networks, uses and consequences. - Helps to tackle the various demands of the course confidently, with advice and support for programming and theoretical assessments and the problem-solving or investigative project at A-level. - Develops the programming and computational thinking skills for A-level and beyond - frequent coding and question practice will help students apply their knowledge of the principles of computer science, and design, program and evaluate problem-solving computer systems. Bob Reeves is an experienced teacher with examining experience, and well-respected author of resources for Computing and ICT across the curriculum.

AQA GCSE 9-1 PHYSICS FOR COMBINED SCIENCE

Collins Exam Board: AQA Level & Subject: GCSE Combined Science: Trilogy First teaching: September 2016 First exams: June 2018 This Workbook will support and motivate students to reach their full potential with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic* Builds confidence with worked examples demonstrating how to answer different types of questions* Further support from hints and tips explaining command words, advising how to approach questions and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

AQA GCSE SCIENCE 9-1 EXTENDED RESPONSE QUESTIONS TEACHER RESOURCE PACK

Collins Publishers Exam board: AQA Level & Subject: GCSE 9-1 Science First teaching: September 2016 First exam: June 2018 Tackle 4-6 mark science questions with increasing confidence and success with this photocopiable and editable Teacher Pack for all the AQA GCSE (9-1) Sciences Packed with targeted exam practice in GCSE 9-1 Science extended response questions for all students studying GCSE Biology, GCSE Chemistry, GCSE Physics and GCSE Combined Science Trilogy Foundation and Higher tiers * Builds confidence and focus and helps students learn how to structure a response to different command words and contexts in 4-6 mark questions * Helps prepare for exam questions in an unfamiliar context with plenty of practice at all levels * Supports all students to attempt 4-6 mark questions which could make a difference to their grades * Easy to use levelled answers show students what a good response looks like and how to improve * Access and print all files in an editable format on the free download from collins.co.uk

CLEARREVISE OCR GCSE COMPUTER SCIENCE J277

Pg Online Limited 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, improving understanding and confidence. This guide has combined revision with tips and more practice questions than you could shake a stick at. All the essential ingredients for getting a grade you can be really proud of. 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 carefully devised throughout this book.

KS3 SCIENCE LAB BOOK

GET READY FOR AQA GCSE (9-1)

Collins Help pupils build skills for KS3 Science practical work to be ready for the AQA GCSE 9-1 Required Practicals. Provide a consistent and supportive approach to KS3 Biology, Chemistry and Physics practicals with clear methods, questions that test understanding and applying skills in different contexts. Establish a consistent approach to KS3 Science practicals with everything together in one write-in book. Help build confidence and familiarity from Year 7 upwards with a focus on scientific vocabulary, drawing and analysing graphs, and GCSE 9-1 command words. Cheaper than photocopying, the lab book can be used flexibly with any scheme of learning. Each practical activity: * Explains the purpose of the practical and relates it to the science * Develops core skills including maths skills * States common mistakes and how to avoid them * Supports pupils to record and evaluate results * Checks understanding with key questions * Develops scientific reasoning with spot the mistake questions * Encourages pupils to apply their skills to unfamiliar scientific contexts * Helps pupils to evaluate their learning with self-reflection sections

75 LONG ANSWER QUESTIONS IN GCSE SCIENCE

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

AQA GCSE (9-1) PE SECOND EDITION

Hachette UK Written by leading PE specialists, students will be guided through the AQA GCSE (9-1) PE specification topic by topic and have opportunity to improve their understanding, analysis, evaluation and application skills through exam-style questions and detailed insight to the NEA. Approved by AQA, this Student Book: - develops understanding with thorough coverage of topics and contains summaries, diagrams and key questions to direct thinking and aid revision - provides clear definitions of key terms, technical vocabulary and concepts, including those that students have struggled the most - builds sound knowledge and analysis, evaluation and application skills through detailed support and exam-style questions - stretches, challenges and encourages independent thinking and a deeper understanding through activities, stimulus material and suggestions for further reading.

AQA A LEVEL PHYSICS (YEAR 1 AND YEAR 2)

Hodder Education Expand and challenge your knowledge and understanding of Physics with this updated, all-in-one textbook for Years 1 and 2 that builds mathematical skills and

provides practical assessment guidance. Written for the AQA A-level Physics specification, this revised textbook will: - Offer support for the mathematical requirements of the course with worked examples of calculations and a dedicated 'Maths in physics' chapter. - Measure progress and assess learning throughout the course with 'Test yourself' and 'Stretch and challenge' questions. - Support all 12 required practicals with applications, worked examples and activities included in each chapter. - Develop understanding with free online access to 'Test yourself' answers and 'Practice' question answers*.

AQA GCSE (9-1) PHYSICS GRADE 5

Collins This Workbook will support and motivate students to reach their full potential with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic * Builds confidence with worked examples demonstrating how to answer different types of questions * Further support from hints and tips explaining command words, advising how to approach questions and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

AQA GCSE PHYSICS FOR COMBINED SCIENCE (TRILOGY) STUDENT BOOK

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.

ACTIVATE: 11-14 (KEY STAGE 3): ACTIVATE BIOLOGY TEACHER HANDBOOK

OUP Oxford Activate is a new KS3 Science course that supports every student on their journey through KS3 to KS4 success. This teacher handbook accompanies Activate Biology Student Book, with lesson suggestions that build the maths, literacy and working scientifically skills vital for success at KS4, and full assessment guidance for the new 2014 curriculum.

THE STRANGE CASE OF DR. JEKYLL AND MR. HYDE

BookRix The Strange Case of Dr. Jekyll and Mr. Hyde is about a London lawyer named Gabriel John Utterson who investigates strange occurrences between his old friend, Dr. Henry Jekyll, and the evil Edward Hyde. There are two personalities within Dr. Jekyll, one apparently good and the other evil; completely opposite levels of morality. The novel's impact is such that it has become a part of the language, with the very phrase "Jekyll and Hyde" coming to mean a person who is vastly different in moral character from one situation to the next. 'The Strange Case of Dr. Jekyll and Mr. Hyde' is a thrilling Gothic horror novel. John Utterson, a prosecutor, is on his weekly walk with his relative, who proceeds to tell him of an encounter with a man he had seen some months ago while coming home late at night from Cavendish Place. The tale describes a sinister figure named Edward Hyde who tramples a young girl, disappears into a door on the street, and re-emerges to pay off her relatives with 10 pounds in gold and a cheque signed by respectable gentleman Dr. Henry Jekyll (a client and friend of Utterson's) for 90 pounds. Jekyll had recently and suddenly changed his will to make Hyde the sole beneficiary. This development concerns and disturbs Utterson, who makes an effort to seek out Hyde. Utterson fears that Hyde is blackmailing Jekyll for his money. Upon finally managing to encounter Hyde, Hyde's ugliness, as if deformed, amazes Utterson. Although Utterson cannot say exactly how or why, Hyde provokes an instinctive feeling of revulsion in him. Much to Utterson's surprise, Hyde willingly offers Utterson his address. After one of Jekyll's dinner parties, Utterson stays behind to discuss the matter of Hyde with Jekyll. Utterson notices Jekyll turning pale, yet he assures Utterson that everything involving Hyde is in order and that he is to be left alone.

AQA GCSE FOUNDATION: COMBINED SCIENCE TRILOGY AND ENTRY LEVEL CERTIFICATE STUDENT BOOK

New student book to prepare lower-ability students for completing AQA Entry Level Certificate in Science or Foundation Combined Science: Trilogy. Carefully designed to break core concepts down into manageable chunks, with regular progress checks to build student confidence and identify those that are ready to move onto Combined Science: Trilogy.

AQA GCSE BIOLOGY FOR COMBINED SCIENCE: TRILOGY 9-1 STUDENT BOOK (GCSE SCIENCE 9-1)

HarperCollins UK Exam Board: AQA Level & Subject: GCSE Combined Science: Trilogy First teaching: September 2016 First exams: June 2018 AQA approved

GCSE CHEMISTRY

Nelson Thornes Endorsed and approved by AQA, this GCSE series aims to provide a match to each of the GCSE science awards. Working together with AQA, it offers printed and electronic resources that seek to work together to provide you with all the support you need to learn the specifications.

OCR GATEWAY GCSE CHEMISTRY 9-1 STUDENT BOOK (GCSE SCIENCE 9-1)

HarperCollins UK Exam Board: OCR Level & Subject: GCSE Chemistry First teaching: September 2016 First exams: June 2018 OCR endorsed

RECALL TESTS FOR GCSE 9-1 SCIENCE

KS3 KNOWLEDGE RETRIEVAL

Collins Assessment 10 minute topic tests on KS3 Science content for retrieval practice to internalise knowledge students need to build on for GCSE 9-1 Science. Based on key knowledge from Years 7-9 KS3 Science, these standalone tests are not linked to any scheme, so can be used for independent formative assessment. Over 80 tests test and recall knowledge in Biology, Chemistry and Physics from the National Curriculum 2014 to help with long term memory for GCSE 9-1 Science. Any content from the AQA KS3 Science syllabus is flagged within the tests. Use and repeat tests in any year to find gaps in knowledge. Save time with ready-prepared tests and mark quickly with simple mark schemes and record sheets. Fit into lessons easily with 10 minute tests that require short answers and use command words from GCSE 9-1. Photocopiable with a free editable download, you can adapt the tests for your school.

AQA GCSE (9-1) CHEMISTRY

Collins This Workbook will support and motivate students to reach their full potential with targeted questions and support.. * Provides plenty of practice opportunities for short- and long-answer questions on every topic * Builds confidence with worked examples demonstrating how to answer different types of questions * Further support from hints and tips explaining command words, advising how to approach questions and more The questions begin with confidence-building, lower demand questions and they are ramped throughout each topic. The workbook provides coverage of maths and practical skills as well as offering synoptic questions. The range of questions available encourages students to develop their skills in applying and analysing as well as recall. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail.

GCSE COMPUTER SCIENCE FOR AQA STUDENT BOOK

Cambridge University Press A new series of bespoke, full-coverage resources developed for the 2016 AQA and OCR GCSE Computer Science qualifications. Written for the AQA 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.

AQA GCSE PHYSICS 9-1 STUDENT BOOK (GCSE SCIENCE 9-1)

HarperCollins UK Exam Board: AQA Level & Subject: GCSE Physics First teaching: September 2016 First exams: June 2018 AQA approved

AQA BIOLOGY: A LEVEL YEAR 1 AND AS

Oxford University Press - Children Please note this title is suitable for any student studying: Exam Board: AQA Level: AS Level Subject: Biology First teaching: September 2015 First exams: June 2016 Fully revised and updated for the new linear qualification, written and checked by curriculum and specification experts, this Student Book supports and extends students through the new course whilst delivering the maths, practical and synoptic skills needed to succeed in the new A Levels and beyond. The book uses clear straightforward explanations to develop true subject knowledge and allow students to link ideas together while developing essential exam skills.

AQA BIOLOGY: A LEVEL

Oxford University Press - Children Please note this title is suitable for any student studying: Exam Board: AQA Level: A Level Subject: Biology First teaching: September 2015 First exams: June 2017 Fully revised and updated for the new linear qualification, written and checked by curriculum and specification experts, this Student Book supports and extends students through the new course whilst delivering the maths, practical and synoptic skills needed to succeed in the new A Levels and beyond. The book uses clear straightforward explanations to develop true subject knowledge and allow students to link ideas together while developing essential exam skills.

PYTHON CHALLENGE!

Learn to program fast in 155 challenges, 54 examples and 85 pages This book is a 'gamified' approach to Python, aimed at supporting GCSE and KS3 students, with complete coverage of the GCSE programming requirements. There's no substitute for practice when it comes to learning a new skill! Python syntax is simple to learn, but becoming an expert in writing programs to solve different kinds of problems takes a bit longer. That's why this book has a short explanation of each new statement or technique, followed by one or more examples and then loads of practice challenges. Some of the challenges will take you only a minute or two, using the Python Interactive window to try out new statements and get immediate results. As you get further into the book, you will be challenged to write programs to perform different kinds of tasks - for example to find the results of a calculation, write a program for a simplified cash machine, sort a list of items into alphabetical order, or to record data in a text file to be read, formatted, and printed. The programming solutions to some challenges have been helpfully simplified for an inexperienced programmer to modify rather than to write from scratch. This builds your confidence in problem-solving. That's why 35 challenges consist of partially written programs for you to complete.

SECURE SCIENCE - SECURE SCIENCE FOR GCSE TEACHER RESOURCE PACK

INTERVENTION TO GET BACK ON TRACK

Secure Science

AQA GCSE COMPUTER SCIENCE (9-1) 8525

Pg Online Limited This book is aimed at GCSE students. It provides comprehensive yet concise coverage of all the topics covered in the new AQA 8525 Computer Science specification, written and presented in a way that is accessible to teenagers. It will be invaluable both as a course text and as a revision guide for students nearing the end of their course. It is divided into nine sections covering every element of the specification. Sections 1, 2A and 2B of the textbook cover algorithms and programming concepts with a theoretical approach to provide students with experience of writing, tracing and debugging pseudocode solutions without the aid of a computer. These sections would complement practical programming experience.

KS3 GEOGRAPHY: HEADING TOWARDS AQA GCSE: STUDENT BOOK

This brand new course takes a unique approach to providing the strong foundations and skills practice students need to prepare them for study of the AQA GCSE specification. Topical, relevant content will enthuse students and help to build essential knowledge and understanding.

AN INSPECTOR CALLS

AQA CHEMISTRY: A LEVEL

Oxford University Press - Children Please note this title is suitable for any student studying: Exam Board: AQA Level: A Level Subject: Chemistry First teaching: September 2015 First exams: June 2017 Fully revised and updated for the new linear qualification, written and checked by curriculum and specification experts, this Student Book supports and extends students through the new course whilst delivering the maths, practical and synoptic skills needed to succeed in the new A Levels and beyond. The book uses clear straightforward explanations to develop real subject knowledge and allow students to link ideas together, while developing essential exam skills.

ESSENTIAL SKILLS FOR GCSE PHYSICS

Hachette UK Build essential maths, literacy and working scientifically skills to boost marks in GCSE Biology and ensure that students reach their full potential. Suitable for all specifications, this skills book provides additional support and will help to: - Sharpen mathematical skills with plenty of practice questions and coverage of all the maths techniques needed for the exams. - Improve literacy skills with tips on how to write longer answers, plus peer-assessment marking activities. - Develop the working scientifically skills needed to plan, carry out and evaluate practical experiments, in order to secure the maximum number of marks. - Build confidence by putting skills into practice; using our three-step formula students will progress from worked examples to guided questions and exam-style questions, with fully-worked solutions in the book. - Raise performance in the exams with practical advice on how to revise effectively and tips on understanding the questions, command words and assessment objectives.

PROGRESS IN GEOGRAPHY: KEY STAGE 3

MOTIVATE, ENGAGE AND PREPARE PUPILS

Hachette UK Motivate pupils to develop their geographical skills, knowledge and understanding as they become engaged and accomplished geographers, ready for the demands of GCSE. Specifically designed to provide a solid foundation for the 2016 GCSE specifications, this Student Book takes an enquiry-based approach to learning within each unit and lesson. - Easily and cost-effectively implement a new KS3 scheme of work: this coherent single-book course covers the latest National Curriculum content, providing 150 ready-made lessons that can be used flexibly for a two or three-year KS3 - Build and improve the geographical knowledge and skills that pupils need: every double-page spread represents a lesson, with rich geographical data and place contexts for pupils to interpret, analyse and evaluate - Lay firm foundations for GCSE: key vocabulary, command words and concepts are introduced gradually, preparing pupils for the content and question types they will encounter at GCSE, with a particular focus on analysis and evaluation questions - Effectively assess, measure and demonstrate progress: formative assessments throughout each lesson and summative end-of-unit reviews include questions that show whether pupils are 'working towards', 'meeting' or 'exceeding' expectations - Encourage pupils to check and drive their own progress: learning objectives and end-of-unit learning outcomes help pupils reflect on their learning and make connections between key concepts and skills throughout the course