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H & T 1999

Assessing 21st Century Skills National Research Council 2011-09-16 The routine jobs of yesterday are being replaced by technology and/or shipped off-shore. In their place, job categories that require knowledge management, abstract reasoning, and personal services seem to be growing. The modern workplace requires workers to have broad cognitive and affective skills. Often referred to as "21st century skills," these skills include being able to solve complex problems, to think critically about tasks, to effectively communicate with people from a variety of different cultures and using a variety of different techniques, to work in collaboration with others, to adapt to rapidly changing environments and conditions for performing tasks, to effectively manage one's work, and to acquire new skills and information on one's own. The National Research Council (NRC) has convened two prior workshops on the topic of 21st century skills. The first, held in 2007, was designed to examine research on the skills required for the 21st century workplace and the extent to which they are meaningfully different from earlier eras and require corresponding changes in educational experiences. The second workshop, held in 2009, was designed to explore demand for these types of skills, consider intersections between science education reform goals and 21st century skills, examine models of high-quality science instruction that may develop the skills, and consider science teacher readiness for 21st century skills. The third workshop was intended to delve more deeply into the topic of assessment. The goal for this workshop was to capitalize on the prior efforts and explore strategies for assessing the five skills identified earlier. The Committee on the Assessment of 21st Century Skills was asked to organize a workshop that reviewed the assessments and related research for each of the five skills identified at the previous workshops, with special attention to recent developments in technology-enabled assessment of critical thinking and problem-solving skills. In designing the workshop, the committee collapsed the five skills into three broad clusters as shown below: Cognitive skills: nonroutine problem solving, critical thinking, systems thinking Interpersonal skills: complex communication, social skills, team-work, cultural sensitivity, dealing with diversity Intrapersonal skills: self-management, time management, self-development, self-regulation, adaptability, executive functioning Assessing 21st Century Skills provides an integrated summary of the presentations and discussions from both parts of the third workshop.

NVQ Level 3 Children's Care, Learning and Development Penny Tassoni 2005-07

Post-16 skills Great Britain: Parliament: House of Commons: Education and Skills Committee 2007-08-14 Post-16 Skills : Ninth report of session 2006-07, Vol. 2: Oral and written Evidence

A Level Further Mathematics for AQA Student Book 1 (AS/Year 1) Paul Fannon 2017-09-28 New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision. Written for the AQA AS/A Level Further Mathematics specifications for first teaching from 2017, this print Student Book covers the compulsory content for AS and the first year of A Level. It balances accessible exposition with a wealth of worked examples, exercises and opportunities to test and consolidate learning, providing a clear and structured pathway for progressing through the course. It is underpinned by a strong pedagogical approach, with an emphasis on skills development and the synoptic nature of the course. Includes answers to aid independent study. This book has entered an AQA approval process.

Btec National Engineering Mike Tooley 2010 For students on BTEC National Engineering courses. This textbook covers key points and definitions, highlighting the most important concepts of the 2010 BTEC National course, and hundreds of activities and worked examples help put theory in context. Questions throughout the book allow students to test their knowledge as they go, while end-of-unit review questions are ideal for exam revision and set course work. The companion website includes interactive quizzes and a comprehensive 2D CAD package.

Learning to Teach RE in the Secondary School Anne-Marie Brandom 2005-08-12 Learning to Teach Religious Education in the Secondary School draws together insights from current educational theory and the best contemporary classroom teaching and learning, and suggests tasks, activities, and further reading designed to enhance the quality of initial school experience for the student teacher. It aims to support teachers in developing levels of religious and theological literacy, both of individual pupils and the society as a whole. Practising teachers and students will appreciate this comprehensive and accessible introduction to the craft of teaching Religious Education in the secondary school.

Introduction to Storage Area Networks Jon Tate 2018-10-09 The superabundance of data that is created by today's businesses is making storage a strategic investment priority for companies of all sizes. As storage takes precedence, the following major initiatives emerge: Flatten and converge your network: IBM® takes an open, standards-based approach to implement the latest advances in the flat, converged data center network designs of today. IBM Storage solutions enable clients to deploy a high-speed, low-latency Unified Fabric Architecture. Optimize and automate virtualization: Advanced virtualization awareness reduces the cost and complexity of deploying physical and virtual data center infrastructure. Simplify management: IBM data center networks are easy to deploy, maintain, scale, and virtualize, delivering the foundation of consolidated operations for dynamic infrastructure management. Storage is no longer an afterthought. Too much is at stake. Companies are searching for more ways to efficiently manage expanding volumes of data, and to make that data accessible throughout the enterprise. This demand is propelling the move of storage into the network. Also, the increasing complexity of managing large numbers of storage devices and vast amounts of data is driving greater business value into software and services. With current estimates of the amount of data to be managed and made available increasing at 60% each year, this outlook is where a storage area network (SAN) enters the arena. SANs are the leading storage infrastructure for the global economy of today. SANs offer simplified storage management, scalability, flexibility, and availability; and improved data access, movement, and backup. Welcome to the cognitive era. The smarter data center with the improved economics of IT can be achieved by connecting servers and storage with a high-speed and intelligent network fabric. A smarter data center that hosts IBM Storage solutions can provide an environment that is smarter, faster, greener, open, and easy to manage. This IBM® Redbooks® publication provides an introduction to SAN and Ethernet networking, and how these networks help to achieve a smarter data center. This book is intended for people who are not very familiar with IT, or who are just starting out in the IT world.

Information & Communication Technology Steve Cushing 2010-10 This ultimate study guide with in-depth GCSE course coverage is all you need for exam success. Revise GCSE ICT has everything you need to achieve the GCSE grade you want. It is written by GCSE examiners to boost learning and focus revision.

Cambridge Primary English Stage 1 Learner's Book Gill Budgell 2014-11-27 Cambridge Primary English is a flexible, endorsed course written specifically to support Cambridge International Examinations' curriculum framework (Stages 1-6). The resources are aimed at first language English learners, encouraging them to actively explore, use and apply their core listening, speaking, reading and writing skills through individual, pair and group work. Engaging activities provide opportunities for differentiated learning and promote creativity and critical thinking. Lively international fiction, non-fiction and poetry texts are the basis for teaching reading and writing skills, including comprehension, grammar, punctuation, phonics, spelling and handwriting. Learners also practise their spoken English to build vocabulary and confidence through class and group discussion. Each stage contains three core components (Learner's Book, Activity Book, and Teacher's Resource Book with accompanying CD-ROM) which are fully integrated and offer a complete solution to teaching Cambridge Primary English. Also available are Phonics Workbooks A and B, providing an essential foundation in phonics skills.

Business Essentials BPP Learning Media 2010-11-01 This book is designed to be of value to anyone who is studying human resources, whether as a subject in its own right or as a module forming part of any business-related degree or diploma.However, it provides complete coverage of the topics listed in the Edexcel Guidelines for Units 23 (Human Resources Development) and 24 (Employee Relations) of the BTEC Higher Nationals in Business (revised 2010). The book contains these sections: * Human Resource Development * Employee RelationsFeatures include summary diagrams, worked examples and illustrations, activities, discussion topics, chapter summaries and quick quizzes, all presented in a user friendly format that helps to bring the subject to life.

Computing Roger Legg 2004-07 These New editions of the successful, highly-illustrated study/revision guides have been fully updated to meet the latest specification changes. Written by experienced examiners, they contain in-depth coverage of the key information plus hints, tips and guidance about how to achieve top grades in the A2 exams.

The Times Index 2008 Indexes the Times and its supplements.

GCSE Mathematics for Edexcel Foundation Homework Book Karen Morrison 2015-06-18 A new series of bespoke, full-coverage resources developed for the 2015 GCSE Mathematics qualifications. Endorsed for the Edexcel GCSE Mathematics Foundation tier specification for first teaching from 2015, our Homework Book is an ideal companion to the Edexcel 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.

Distance Education for Teacher Training Hilary Perraton 2002-03-11 First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

Penpals for Handwriting Year 1 Practice Book Gill Budgell 2015-12-03 Penpals for Handwriting is a complete handwriting scheme for 3-11 year olds. The Practice Books provide specific handwriting focused

practice - either introducing or practising letters, joins or key concepts such as size and proportion. They are designed to support independent practice in the classroom, following a whole-class teaching session. Each page corresponds to the units within the Teacher's Books and includes opportunities for: Finger and pencil tracing, writing letters or joins; Writing phrases or sentences; Pattern practice; Self-assessment check. Having learnt individual letters previously, children are introduced to letters within words for the first time in Year 1.

Heinemann Economics for Edexcel Susan Grant 2004-01-15 This text offers clear examples, key ideas and activities to ensure full access to the economics specification. It also includes exam hints contributed by an examiner from the relevant board.

Decoding Theory of Knowledge for the IB Diploma Wendy Heydorn 2013-07-18 Written by experienced practitioners this resource for Theory of Knowledge for the IB Diploma offers comprehensive coverage of and support for the new subject guide. Decoding Theory of Knowledge (ToK) is an accessible new resource that explores Areas of Knowledge, Ways of Knowing, Personal and Shared Knowledge, the Knowledge Framework and Knowledge Questions. Written in succinct and clear language, this engaging book decodes ToK concepts and helps students develop their critical thinking skills. The book offers extensive support on the new assessment criteria for the essay and presentation. Features include explanation of key concepts to consolidate knowledge and understanding; real-life situations to engage students; practical activities to develop students' thinking, writing and presentation skills; and top tips to provide further guidance and advice.

Advanced PE for Edexcel Frank Galligan 2000 PE is one of the fastest-growing A level subjects. Members of the Edexcl PE examining team have now written a student book which follows this specification, unit by unit.

Graphics User Guide 1986

Sweating the Small Stuff David Whitman 2008 This book tells the story of six secondary schools that have succeeded in eliminating or dramatically shrinking the achievement gap between whites and disadvantaged black and Hispanic students. It recounts the stories of the University Park Campus School (UPCS) in Worcester, the American Indian Public Charter School in Oakland, Amistad Academy in New Haven, the Cristo Rey Jesuit High School in Chicago, the KIPP Academy in the Bronx, and the SEED school in Washington, D.C.

The Art of Talking to Anyone: Essential People Skills for Success in Any Situation Rosalie Maggio 2005-05-30 From the author of How to Say It, the million-copies-sold bestseller If you want to improve your conversational skills--and achieve greater levels of personal and professional success--The Art of Talking to Anyone is the ultimate book. Rosalie Maggio has built a career on teaching people how to say the right thing at the right time--and she's made her techniques available to you. This essential communication handbook includes: Sample dialogues, topics, and responses Quick-reference dos and don'ts Tips for handling special situations Confidence-building advice and quotations Key words that get to the business at hand Whether it's small talk or big, social or work-related, The Art of Talking to Anyone gives you all the tools you need to speak up with confidence, to charm and persuade, and to talk your way through any situation--successfully.

GCSE Mathematics for Edexcel Higher Homework Book Karen Morrison 2015-06-25 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, our Homework Book is an ideal companion to the Edexcel Higher 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.

Distributed Network Systems Weijia Jia 2006-06-14 Both authors have taught the course of "Distributed Systems" for many years in the respective schools. During the teaching, we feel strongly that "Distributed systems" have evolved from traditional "LAN" based distributed systems towards "Internet based" systems. Although there exist many excellent textbooks on this topic, because of the fast development of distributed systems and network programming/protocols, we have difficulty in finding an appropriate textbook for the course of "distributed systems" with orientation to the requirement of the undergraduate level study for today's distributed technology. Specifically, from - to-date concepts, algorithms, and models to implementations for both distributed system designs and application programming. Thus the philosophy behind this book is to integrate the concepts, algorithm designs and implementations of distributed systems based on network programming. After using several materials of other textbooks and research books, we found that many texts treat the distributed systems with separation of concepts, algorithm design and network programming and it is very difficult for students to map the concepts of distributed systems to the algorithm design, prototyping and implementations. This book intends to enable readers, especially postgraduates and senior undergraduate level, to study up-to-date concepts, algorithms and network programming skills for building modern distributed systems. It enables students not only to master the concepts of distributed network system but also to readily use the material introduced into implementation practices.

Edexcel GCSE (9-1) Computer Science Charles Chris 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.

Cryptography and Network Security William Stallings 2016-02-18 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The Principles and Practice of Cryptography and Network Security Stallings' Cryptography and Network Security, Seventh Edition, introduces the reader to the compelling and evolving field of cryptography and network security. In an age of viruses and hackers, electronic eavesdropping, and electronic fraud on a global scale, security is paramount. The purpose of this book is to provide a practical survey of both the principles and practice of cryptography and network security. In the first part of the book, the basic issues to be addressed by a network security capability are explored by providing a tutorial and survey of cryptography and network security technology. The latter part of the book deals with the practice of network security: practical applications that have been implemented and are in use to provide network security. The Seventh Edition streamlines subject matter with new and updated material — including Sage, one of the most important features of the book. Sage is an open-source, multiplatform, freeware package that implements a very powerful, flexible, and easily learned mathematics and computer algebra system. It provides hands-on experience with cryptographic algorithms and supporting homework assignments. With Sage, the reader learns a powerful tool that can be used for virtually any mathematical application. The book also provides an unparalleled degree of support for the reader to ensure a successful learning experience.

Cambridge IGCSE® and O Level Computer Science Programming Book for Python Chris Roffey 2017-02-02 This resource is written to follow the updated Cambridge IGCSE® Computer Science syllabus 0478 with examination from June and November 2016. Cambridge IGCSE® and O Level Computer Science Programming Book for Python accompanies the Cambridge IGCSE and O Level Computer Science coursebook, and is suitable for students and teachers wishing to use Python in their studies. It introduces and develops practical skills to guide students in developing coding solutions to the tasks presented in the book. Starting from simple skills and progressing to more complex challenges, this book shows how to approach a coding problem using Structure Diagrams and Flow Charts, explains programming logic using pseudocode, develops Python programming skills and gives full solutions to the tasks set.

Assessment and Teaching of 21st Century Skills Esther Care 2017-11-07 This book provides a detailed description of research and application outcomes from the Assessment and Teaching of 21st Century Skills project, which explored a framework for understanding the nature of these skills. The major element of this new volume is the presentation of research information from the global assessment of two 21st century skills that are amenable to teaching and learning: collaborative problem solving, and learning in digital networks. The outcomes presented include evidence to support the validity of assessment of 21st century skills and descriptions of consequent pedagogical approaches which can be used both to teach the skills and to use them to enhance key learning goals in secondary education systems. The sections of the volume are connected through a focus on the degree to which innovative assessment tasks measure the constructs of interest. This focus is informed by conceptual and methodological issues associated with affordances of 21st century computer-based assessment. How understanding of the nature of the skills, as derived from these assessments, can guide approaches to the integration of 21st century skills in the classroom, is informed by initiatives adopted by participating countries. The guiding questions in this volume are: "Do the assessment tasks measure the constructs?" and "What are the implications for assessment and teaching in the classroom?" It is the third volume of papers from this project published by Springer.

Cambridge IGCSE® Geography Coursebook with CD-ROM Gary Cambers 2015-09-10 A comprehensive second edition of Cambridge IGCSE® Geography, revised for first examination from 2016. Cambridge IGCSE Geography has been written specifically for the Cambridge syllabus. Written by highly experienced authors and Cambridge trainers, Cambridge IGCSE Geography supports the teacher in the delivery of the syllabus and offers guidance for the examination. The Coursebook includes clear, practical support for students, case studies, fieldwork ideas and a diverse range of stimulus material. The accompanying CD-ROM features support sheets for the topics covered, outline maps and sample exam-style questions. Answers to the coursebook activities can be found on the teacher resource CD-ROM.

Network Storage James O'Reilly 2016-10-14 Network Storage: Tools and Technologies for Storing Your Company's Data explains the changes occurring in storage, what they mean, and how to negotiate the minefields of conflicting technologies that litter the storage arena, all in an effort to help IT managers create a solid foundation for coming decades. The book begins with an overview of the current state of storage and its evolution from the network perspective, looking closely at the different protocols and connection schemes and how they differentiate in use case and operational behavior. The book explores the software changes that are motivating this evolution, ranging from data management, to in-stream processing and storage in virtual systems, and changes in the decades-old OS stack. It explores Software-Defined Storage as a way to construct storage networks, the impact of Big Data, high-performance computing, and the cloud on storage networking. As networks and data integrity are intertwined, the book looks at how data is split up and moved to the various appliances holding that dataset and its impact. Because data security is often neglected, users will find a comprehensive

discussion on security issues that offers remedies that can be applied. The book concludes with a look at technologies on the horizon that will impact storage and its networks, such as NVDIMMs, The Hybrid Memory Cube, VSANs, and NAND Killers. Puts all the new developments in storage networking in a clear perspective for near-term and long-term planning Offers a complete overview of storage networking, serving as a go-to resource for creating a coherent implementation plan Provides the details needed to understand the area, and clears a path through the confusion and hype that surrounds such a radical revolution of the industry

Edexcel GCSE (9-1) Business, Second Edition Ian Marcouse 2017-05-08 Exam Board: Edexcel Level: GCSE Subject: Business First Teaching: September 2017 First Exam: June 2019 Endorsed for Edexcel Let Ian Marcouse successfully steer you through the new specification with his proven and popular approach to Business; clear content coverage is enhanced by numerous real-life examples to create a course that engages, motivates and develops every student. - Breaks down the content of the 2017 specification into clear, accessible explanations of important concepts and theories - Helps students apply their knowledge to a range of real business examples, issues and contexts, supported by 'Talking Points' that encourage critical and commercial thinking - Improves quantitative, investigative, analytical and evaluation skills through end-of-chapter exercises - Builds students' confidence approaching their exams as they practise calculation, short answer and extended-writing questions with stimulus materials - Boosts students' vocabulary and supports revision with definitions of key terminology for each topic

Teaching Fundamental Concepts of Informatics Juraj Hromkovič 2009-12-02 The International Conference on Informatics in Secondary Schools: Evolution and Perspective (ISSEP) is an emerging forum for researchers and practitioners in the area of computer science education with a focus on secondary schools. The ISSEP series started in 2005 in Klagenfurt, and continued in 2006 in Vilnius, and in 2008 in Torun.´ The 4th ISSEP took part in Zurich. This volume presents 4 of the 5 invited talks and 14 regular contributions chosen from 32 submissions to ISSEP 2010. The ISSEP conference series is devoted to all aspects of computer science teaching. In the preface of the proceedings of ISSEP 2006, Roland Mittermeir wrote: "ISSEP aims at educating 'informatics proper' by showing the beauty of the discipline, hoping to create interest in a later professional career in c- puting, and it will give answers di?erent from the opinion of those who used to familiarize pupils with the basics of ICT in order to achieve computer lit-acy for the young generation. " This is an important message at this time, when several countries have reduced teaching informatics to educating about current softwarepackagesthatchangefromyeartoyear. ThegoalofISSEPistosupport teaching of the basic concepts and methods of informatics, thereby making it a subject in secondary schools that is comparable in depth and requirements with mathematics or natural sciences. As we tried to present in our book "Algori- mic Adventures.

BTEC Level 3 National Engineering Ernie Cooke 2010-08-01 BTEC student book for the 2010 specification BTEC Level 3 National Engineering, giving students a work-focused, approachable textbook, with all the assignment help learners need to achieve the best grade they can.

Python Cookbook David Beazley 2013-05-10 If you need help writing programs in Python 3, or want to update older Python 2 code, this book is just the ticket. Packed with practical recipes written and tested with Python 3.3, this unique cookbook is for experienced Python programmers who want to focus on modern tools and idioms. Inside, youâ??ll find complete recipes for more than a dozen topics, covering the core Python language as well as tasks common to a wide variety of application domains. Each recipe contains code samples you can use in your projects right away, along with a discussion about how and why the solution works. Topics include: Data Structures and Algorithms Strings and Text Numbers, Dates, and Times Iterators and Generators Files and I/O Data Encoding and Processing Functions Classes and

Objects Metaprogramming Modules and Packages Network and Web Programming Concurrency Utility Scripting and System Administration Testing, Debugging, and Exceptions C Extensions

BTEC First ICT Practitioners Curriculum Support Pack Sharon Yull 2007-07-03 Used alongside the students' text, BTEC First in ICT for Practitioners, this pack offers an essential suite of photocopiable handouts with student activities and case studies for the compulsory core units and selected specialist units of the 2006 BTEC First in ICT for Practitioners schemes from Edexcel. Full coverage is given to the core units of the Certificate and Diploma (units 1 and 2) and to the selected specialist units covered in the textbook: * Using ICT to Present Information (Unit 1) * Introduction to Computer Systems (Unit 2) * Website Development (Unit 4) * Networking Essentials (Unit 6) * Database Software (Unit 9) * Spreadsheet Software (Unit 10) * ICT Graphics (Unit 18) In addition, the ICT Project (Unit 3) is supported with handouts with activities to guide students through project planning and problem solving techniques. Also available in electronic form on the CD-ROM, this pack will save teachers and course teams many hours work preparing handouts and assignments and is freely photocopiable within the purchasing institution. The CD-ROM also contains selected illustrations from the textbooks for lecturers to use in their own presentations and handouts. Sharon Yull is a Senior Lecturer at City College Norwich and a Senior Subject Examiner for Higher Nationals in Computing for Edexcel. Sharon also runs the Training and Education Company, an IT and education consultancy and has written books for other BTEC IT qualifications.

Daily Graphic Ransford Tetteh 2010-07-05

Graph Theory and Complex Networks Maarten van Steen 2010 This book aims to explain the basics of graph theory that are needed at an introductory level for students in computer or information sciences. To motivate students and to show that even these basic notions can be extremely useful, the book also aims to provide an introduction to the modern field of network science. Mathematics is often unnecessarily difficult for students, at times even intimidating. For this reason, explicit attention is paid in the first chapters to mathematical notations and proof techniques, emphasizing that the notations form the biggest obstacle, not the mathematical concepts themselves. This approach allows to gradually prepare students for using tools that are necessary to put graph theory to work: complex networks. In the second part of the book the student learns about random networks, small worlds, the structure of the Internet and the Web, peer-to-peer systems, and social networks. Again, everything is discussed at an elementary level, but such that in the end students indeed have the feeling that they: 1.Have learned how to read and understand the basic mathematics related to graph theory. 2.Understand how basic graph theory can be applied to optimization problems such as routing in communication networks. 3.Know a bit more about this sometimes mystical field of small worlds and random networks. There is an accompanying web site www.distributed-systems.net/gtcn from where supplementary material can be obtained, including exercises, Mathematica notebooks, data for analyzing graphs, and generators for various complex networks.

Edexcel International GCSE (9-1) Biology Student Book (Edexcel International GCSE (9-1)) Jackie Clegg 2021-11-12 Exam Board: Edexcel Level & Subject: International GCSE Biology and Double Award Science First teaching: September 2017 First exams: June 2019

GCSE Mathematics for Edexcel Higher Student Book Karen Morrison 2015-05-21 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.

GCSE Computer Science for AQA Student Book David Waller 2016-06-02 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.