
Read PDF Cambridge IGCSE Computer Science

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With a practical approach and a strong emphasis on problem solving and computational thinking skills, this new revision guide includes all the essential tools to build exam confidence. Closely matched to the Student Book, it is packed with key ideas and practice questions. Written by highly experienced authors and examiners, Complete Computer Science helps to deliver the strongest exam results.

Please note this title is still being made available for students sitting their examinations in 2015. Our second edition supports the updated syllabus for first examination 2016. Textbook and free CD-ROM, endorsed by Cambridge International Examinations for the IGCSE syllabus in Information and Communication Technology (0417) for final examination 2015. - Written by experienced examiners and teachers, who bring a wealth of theoretical knowledge and practical experience to both the book and the CD - Ensures that students are fully prepared for both the written theory paper as well as the two practical papers. - Each Section of the syllabus is fully covered in the text book, with clear explanations and plenty of tasks and activities. - The CD contains source files for the tasks and activities, as well as examination-style questions (with model answers) and a glossary.

This resource is written to follow the updated Cambridge IGCSE® Computer Science syllabus 0478 with examination from June and November 2016.

Cambridge IGCSE Computer Studies Revision Guide is designed to help students prepare for the examination. The book instills confidence and a thorough understanding of the topics learned by the students as they revise for an examination in Computer Studies.

This series is fully endorsed by Cambridge International to support the full syllabus for examination from 2023. Develop algorithmic and computational thinking and programming skills with further practise questions and activities. This Workbook provides additional support with practical exam-style questions for Cambridge IGCSE(tm) and O Level Computer Science. - Become accomplished computer scientists: the workbook provides a series of questions designed to test and develop computational thinking skills in order to solve problems. Answers to the Algorithms, Programming and Logic Workbook are available in our Teacher's Guide with Boost Subscription 9781398318502

This interactive revision guide is the perfect way to achieve structured and easy to access revision notes for Grade 9-1 & A*-G iGCSE Computer Science (new 2020 syllabus). Instead of relying on someone else to write the notes for you, doodle notes draw on years of educational research that show students who write their own notes progress faster, retain more information, and feel less stressed

during revision than those that simply read a revision guide. Every topic is supported by knowledge organisers followed by structured A4 pages to help students to write out their revision notes independently, whilst giving the added benefit of ensuring all areas are covered through scaffolded pages. Throughout the notes, useful tips and hints are added to remove the fear of the blank page, without doing the work for them!

Previously published as iGCSE Computer Science 9-1 Complete Revision Doodle Notes For CIE by H A Billingham. This interactive revision guide is the perfect way to achieve structured and easy to access revision notes for Grade 9-1 & A*-G iGCSE Computer Science (new 2020 syllabus). Instead of relying on someone else to write the notes for you, visual notes draw on years of educational research that show students who write their own notes progress faster, retain more information, and feel less stressed during revision than those that simply read a revision guide. Every topic is supported by knowledge organisers followed by structured visual pages to help students to write out their revision notes independently, whilst giving the added benefit of ensuring all areas are covered through scaffolded pages. Throughout the notes, useful tips and hints are added to remove the fear of the blank page, without doing the work for them!

Build confidence for the latest Cambridge syllabus with the practical, skills-based approach of Complete Computer Science. The Student Book is supported by an extensive Teacher Guide to help you effectively deliver the course. Ensure understanding and strengthen achievement with extensive programming support and practical activities.

Providing guidance that helps students practice and troubleshoot their exam technique, these books send them into their exam with the confidence to aim for the best grades. - Enables students to avoid common misconceptions and mistakes by highlighting them throughout - Builds students' skills constructing and writing answers as they progress through a range of practice questions - Allows students to mark their own responses and easily identify areas for improvement using the answers in the back of the book - Helps students target their revision and focus on important concepts and skills with key objectives at the beginning of every chapter - Ensures that students maximise their time in the exam by including examiner's tips and suggestions on how to approach the questions This title has not been through the Cambridge International Examinations endorsement process.

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.

Stretch yourself to achieve the highest grades, with structured syllabus coverage, varied exam-style questions and annotated sample answers, to help you to build the essential skill set for exam success. - Benefit from expert advice and tips on skills and knowledge from experienced subject authors - Target revision and focus on important concepts and skills with key objectives at the beginning of every chapter - Keep track of your own progress with a handy revision planner - Consolidate and apply your understanding with exam-style questions - Apply your understanding of theoretical content and practical skills with sample practice papers, written by the authors, at the end of the book and online.

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.

Endorsed by Cambridge Assessment International Education. Develop 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. www.hoddereducation.co.uk/cambridgeextras-1 - Answers are available on the Teacher's CD. 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).

This is a specification book which deals with and explains in detail every single specification point in the 9-1 syllabus for Paper 2.

Fully covers the Cambridge IGCSE Computer Studies syllabus (0420), offering valuable practical support for students. Written by experienced teachers and examiners of Cambridge IGCSE Computer Studies, this highly illustrated coursebook covers both the theoretical and applied aspects of the course. It includes self-assessment questions and tasks throughout to reinforce learning. It offers clear learning objectives, chapter summaries and plenty of exam practice. The accompanying Student's CD-ROM provides guidance on study skills, revision and exam technique along with revision tests with answers, and exemplar exam answers. Now available in both print and e-book formats.

The e-book includes both the print version and materials from the Student CD-ROM.

"Cambridge International AS and A Level Computer Science Coursebook delivers an accessible guide to theoretical and practical skills in Computer Science, with a clear progression of tasks that help to consolidate and develop knowledge. Cambridge International AS and A Level Computer Science Coursebook offers students detailed descriptions of the concepts, reinforced with examples that outline complex subject matter in a clear way. Alongside fundamental definitions, higher level programming skills are developed through the explanation of processes and consolidated by practical exam-type questions for students to attempt."-- Publisher description.

The Cambridge IGCSE® Combined and Co-ordinated Sciences series is tailored to the 0653 and 0654 syllabuses for first examination in 2019, and all components of the series are endorsed by Cambridge International Examinations. Cambridge IGCSE® Combined and Co-ordinated Sciences Coursebook is tailored to the 0653 and 0654 syllabuses for first examination in 2019 and is endorsed for full syllabus coverage by Cambridge International Examinations. This interdisciplinary coursebook comprehensively covers the knowledge and skills required in these courses, with the different syllabuses clearly identified. Engaging activities in every chapter help students develop practical and investigative skills while end-of-chapter questions help to track their progress. The accompanying CD-ROM contains self-assessment checklists for making drawings, constructing and completing results tables, drawing graphs and designing experiments; answers to all the end-of-chapter questions and auto-marked multiple-choice self tests.

Billedbog. A forgotten letter in a secret drawer brings one night in the Great War vividly to life. Writing home from the front, a soldier has an incredible story to tell

Written by experienced teachers and examiners of CIE syllabuses in IGCSE Computer Studies (0420), O Level Computer Studies (7010) and IGCSE Information Technology (0418), this book offers valuable, practical support for students. It includes questions and tasks throughout to reinforce learning, and a selection of past-examination questions to help students develop and practise their examination techniques. The authors have also included useful guidance on dealing with coursework tasks and practical assessments.

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.

We are working with Cambridge Assessment International Education to gain endorsement for this forthcoming title. Develop understanding of computer systems, the internet and emerging technologies with further practise questions and activities. This Workbook provides additional support for the computer systems question papers for Cambridge IGCSETM and O Level Computer Science. -Become

accomplished computer scientists: the workbook provides a series of questions designed to test and develop knowledge of how computer systems and associated technologies work.

Consolidate learning and improve Students' confidence with plenty of extra practice questions and activities alongside the Student's Book that follow the contents and chapter order. Suitable for study in class or use at home throughout the course. This title has not been through the Cambridge International endorsement process.

With a practical approach and a strong emphasis on problem solving and computational thinking skills, this new revision guide includes all the essential tools to build exam confidence. Closely matched to the Student Book, it is packed with key ideas and practice questions. Written by highly experienced authors and examiners, Complete Computer Science helps to deliver the strongest exam results.

This title is endorsed by Cambridge Assessment International Education to support the full syllabus for examination from 2021. Develop computational thinking and ensure full coverage of the revised Cambridge Assessment International Education AS & A Level Computer Science syllabus (9618) with this comprehensive Student's Book written by experienced authors and examiners. - Improve understanding with clear explanations, examples, illustrations and diagrams, plus a glossary of key terms - Reinforce learning with a range of activities, exercises, and exam-style questions - Prepare for further study with extension activities that go beyond the requirements of the syllabus and prompt further investigation about new developments in technology - Follow a structured route through the course with in-depth coverage of the full AS & A Level syllabus - Answers are available online www.hoddereducation.co.uk/cambridgeextras Also available in the series Programming skills workbook ISBN: 9781510457683 Student eTextbook ISBN: 9781510457614 Whiteboard eTextbook ISBN: 9781510457621

Endorsed by Cambridge Assessment International Education to support the full syllabus. The best-selling title, developed by International experts - now updated to offer comprehensive coverage of the core and extended topics in the latest syllabus. - Includes a student's CD-ROM featuring interactive tests and practice for all examination papers - Covers the core and supplement sections of the updated syllabus - Supported by the most comprehensive range of additional material, including Teacher Resources, Laboratory Books, Practice Books and Revision Guides - Written by renowned, expert authors with vast experience of teaching and examining international qualifications Answers to all questions are available on the Teacher's CD Rom.

Help students to develop and apply problem solving and computational thinking skills in context with the practical, step-by-step approach of Complete Computer Science. This comprehensive text supports the latest Cambridge IGCSE (0478) and O Level (2210) syllabuses. Build strong achievement with extensive programming support and plenty of practice exercises that ensure through unders-

tanding of trickier topics like number representation, flowcharts, pseudocode and databases. Challenge students who have the potential to excel with plenty of stretching extension material. Written by highly experienced authors and examiners, Complete Computer Science is also supported by an extensive Teacher Guide, to help you deliver the course effectively.

Cambridge IGCSE Computer Science Revision Guide follows the Cambridge IGCSE (0478) and Cambridge O Level (2210) Computer Science syllabuses, matching the syllabus for examination from 2015. The book instils confidence and thorough understanding of the topics learned by the students as they revise for examinations, and is written in a clear and straightforward tone to assist learning concepts and theories. This revision guide is endorsed by Cambridge International Examinations.

This resource is written to follow the updated IGCSE® Computer Science syllabus 0478 with examination from June and November 2016. This Teacher's Resource CD-ROM goes alongside the Cambridge IGCSE® Computer Science Coursebook and provides support for teachers teaching the Cambridge IGCSE® and O-Level Computer Science syllabuses (0478 and 2210). It contains lesson notes, additional worksheets and homework ideas.

Help students to develop and apply problem solving and computational thinking skills in context with the practical, step-by-step approach of Complete Computer Science. This comprehensive text supports the latest Cambridge IGCSE (0478) & O Level (2210) syllabuses. Build strong achievement with extensive programming support and plenty of practice exercises that ensure through understanding of trickier topics like number representation, flowcharts, pseudocode and databases. Challenge students who have the potential to excel with plenty of stretching extension material. Written by highly experienced authors and examiners, Complete Computer Science is also supported by an extensive Teacher Guide, to help you deliver the course effectively.

This title is endorsed by Cambridge Assessment International Education to support the full syllabus for examination from 2023. Benefit from the knowledge of our renowned expert authors to navigate through the content of the updated Cambridge IGCSE™ and O Level Computer Science syllabuses (0478/0984/2210). - Develop computational thinking and problem-solving skills: clearly-explained concepts are followed by opportunities to implement in the programming language of choice. - Build an understanding of computer systems and associated technologies: carefully prepared worked examples explain new ideas alongside activities to test and consolidate. - Navigate the syllabus confidently: supplementary subject content is flagged clearly, with introductions to each topic outlining the learning objectives. - Satisfy curiosity: students are encouraged to deepen their knowledge and understanding of the subject with Extension Activities and Find Out More. - Consolidate skills and check understanding: self-assessment questions, activities and exam-style questions are embedded throughout the book, alongside key definitions of technical terms and a glossary. Answers to the Student Book are available in Cambridge IGCSE and O Level Computer Science Teacher's Guide with Boost Subscription 9781398318502