

Ocr A Level Science Hodder Education

Set your students on track to achieve the best grade possible with My Revision Notes: OCR A Level Computer Science. Our clear and concise approach to revision will help students learn, practise and apply their skills and understanding. Coverage of key content is combined with practical study tips and effective revision strategies to create a guide that can be relied on to build both knowledge and confidence. With My Revision Notes: OCR A Level Computer Science, students can:

- Consolidate knowledge with clear, focused and relevant content coverage, based on what examiners are looking for

The OCR Chemistry for AS Book and Student's website have been developed by two highly experienced authors to support the revised OCR specifications. The Student's website (powered by Dynamic Learning), provides students with interactive pages enhanced with additional resources. Tailored precisely to the revised OCR specifications, the Student's Book includes both quick Test yourself questions throughout each of the 19 topics and end of topic exam-style, Review questions. Activities involving data analysis and contemporary contexts are included throughout to help teachers and students address the new How Science Works components. The website has a full copy of the book with icons linking it to:

- Learning outcomes showing a complete list of the requirements in the specification to help students see where learning objectives and skills are covered in the book.
- Data tables
- Practical guidance on, for example, risk assessments, errors and uncertainty, titrations and the preparation of organic compounds
- Tutorials that work through selected problems and explain the more difficult concepts using a voiceover and animated diagrams, graphs and worked calculations
- Extension questions to stretch the most able, covering some ideas in greater depth
- Answers to all Test yourself questions and questions in the Activities in the Student's Book
- Useful websites linked to each section

Trust highly experienced authors, Ross Howitt and Mike Murray to guide you through the redeveloped Cambridge National Level 1/Level 2 in Sport Science (for first teaching in September 2022). This brand-new edition will strengthen your understanding of the content and boost the skills required to tackle the NEA with confidence. Brought to you by the No.1 PE textbook publisher, this Student Textbook is:

- > Comprehensive - gain in-depth knowledge of the examined units with clear explanations of every concept and topic, plus improve your understanding of the non-examined units with easy-to-follow chapters.
- > Accessible, reliable and trusted - structured to match the specification and provide you with the information you need to build knowledge, understanding and skills.
- > Designed to support you - boost your confidence when tackling the internal and external assessment with plenty of activities to test and consolidate knowledge.
- > Your go-to guide - expert authors have carefully designed tasks and activities to build your skillset in order to aid progression and

questions to assess understanding.

Exam Board: OCR Level: AS/A-level Subject: Economics First Teaching: September 2015 First Exam: Summer 2016
Ensure your students get to grips with the core practicals and develop the skills needed to succeed with an in-depth assessment-driven approach that builds and reinforces understanding; clear summaries of practical work with sample questions and answers help to improve exam technique in order to achieve higher grades. Written by experienced teacher Martin Rowland, this Student Guide for practical Biology: - Help students easily identify what they need to know with a concise summary of required practical work examined in the A-level specifications. - Consolidate understanding of practical work, methodology, mathematical and other skills out of the laboratory with exam tips and knowledge check questions, with answers in the back of the book. - Provide plenty of opportunities for students to improve exam technique with sample answers, examiners tips and exam-style questions. - Offer support beyond the Student books with coverage of methodologies and generic practical skills not focused on in the textbooks.

Exam Board: OCR Level: A-Level Subject: Biology First Teaching: September 2015 First Exam: Summer 2016 With My Revision Notes: OCR A Level Biology A you can: - Manage your own revision with step-by-step support from experienced teacher and examiner Frank Sochacki - Apply biological terms accurately with the help of definitions and key words - Plan and pace your revision with the revision planner - Test understanding with questions throughout the book - Get exam ready with last minute quick quizzes available on the Hodder Education website

Exam board: OCR Level: A-level Subject: Computer Science First teaching: September 2015 First exams: Summer 2017
Strengthen your students' understanding and upgrade their confidence and exam skills with our OCR Computer Science workbooks, full of self-contained exercises to consolidate knowledge and exam practice questions to improve performance. Written by an experienced Computer Science author, these full colour workbooks provide stimulus materials on all AS and A-level topics, followed by sets of questions designed to develop and test skills in the unit. - Thoroughly prepares students for t.

A workbook to support students preparing for OCR's General Studies AS Level Unit 4. Unit 4 of A2 is also synoptic. An issue is presented via source material that students have to interpret and comment on through essay writing. This workbook is designed for independent study or classroom use. It progressively builds the skills needed for this examination. It builds students' confidence and helps them to improve their grade through knowing exactly what kind of answers are required. It is the short answer questions where students most often lose the most marks through not understanding what is required.

This unique resource provides everything students need for the new OCR National Certificate in Health and Social Care and focuses on the

differing levels of care required for individuals in a variety of settings.

New suite of Chemistry resources for the 2008 A Level specifications by the bestselling authors Graham Hill and Andrew Hunt, including Dynamic Learning and Personal Tutor digital resources.

Exam Board: Cambridge Level: KS4 Subject: Science First Teaching: September 2016 First Exam: June 2017 Support your teaching of the new Cambridge Technicals 2016 suite with Cambridge Technical Level 3 Applied Science, developed in partnership between OCR and Hodder Education; this textbook covers content in each specialist pathway and ensures your ability to deliver a flexible course that is both vocationally focused and academically thorough. Cambridge Technical Level 3 Applied Science is matched to the new specification and includes units for the specialist pathways in environmental science, food science and human science. - Ensures effective teaching of each specialist pathway offered within the qualification. - Focuses learning on the skills, knowledge and understanding demanded from employers and universities. - Provides ideas and exercises for the application of practical skills and knowledge. - Developed in partnership between Hodder Education and OCR, guaranteeing quality resources which match the specification perfectly

A workbook to support students preparing for OCRs General Studies AS Level Unit 2. Unit 2 of AS covers Science, Maths and Technology - and is assessed to a similar manner to Unit 1. This workbook is designed for independent study or classroom use. It progressively builds the skills needed for this examination. It builds students confidence and helps them to improve their grade through knowing exactly what kind of answers are required. It is the short answer questions where students most often lose the most marks through not understanding what is required.

Develop confident students with our expert authors: their insight and guidance will ensure a thorough understanding of OCR A Level computer science, with challenging tasks and activities to test essential analytical and problem-solving skills. - Endorsed by OCR for use with the OCR AS and A Level Computer Science specification and written by a trusted and experienced author team, OCR Computer Science for A Level: - Builds students' understanding of the core topics and computing skills required by the course units - Computing Systems, Algorithms and Problem Solving, and Programming Project - with detailed topic coverage, case studies and regular questions to measure understanding - Develops a problem-solving approach based on computational thinking required at both AS and A Level - thought-provoking practice questions at the end of each chapter gives opportunities to probe more deeply into key topics - Incorporates full coverage of the skills and knowledge demanded by the examined units, with exercises to help students understand the assessment objectives and advice and examples to support them through the practical element of the course.

Exam Board: OCR Level: A-level Subject: Biology First Teaching: September 2015 First Exam: Summer 2017 Reinforce students' understanding throughout their course with clear topic summaries and sample questions and answers to help your students target higher grades. Written by experienced examiner Richard Fosbery, our Student Guides are divided into two key sections, content guidance and sample questions and answers. Content guidance will: - Develop students' understanding of key concepts and terminology; this guide covers module 5: communication, homeostasis and energy. - Consolidate students' knowledge with 'knowledge check questions' at the end of each topic and answers in the back of the book. Sample questions and answers will: - Build students' understanding of the different question types, so they can approach questions from module 5 with confidence. - Enable students to target top grades with sample answers and commentary explaining exactly why marks have been awarded.

An OCR endorsed textbook Help your students develop deep subject knowledge and high-level geographical skills with comprehensive

coverage, stimulating activities and assessment support for all compulsory and optional topics; produced by the leading A Level Geography publisher and OCR's Publishing Partner for Geography. - Guides you and your students through the 2016 specification with clear explanations of the content and concepts, brought to life through examples and up-to-date case studies - Encourages students of all abilities to apply and improve their theoretical understanding through skills-focused activities based on a variety of textual, data and visual sources - Consolidates topic knowledge and aids self-assessment with review questions at the end of each chapter - Enables high-achieving students to target the top grades through suitably challenging extension material and activities - Teaches students how to approach assessments with confidence, providing opportunities to work through practice questions on every topic - Outlines relevant human and physical geography fieldwork projects throughout the text that meet the changed fieldwork assessment requirements

With My Revision Notes: OCR A Level Chemistry A you can: - Manage your own revision with step-by-step support from experienced teacher and examiner Mike Smith - Apply biological terms accurately with the help of definitions and key words - Plan and pace your revision with the revision planner - Test understanding with questions throughout the book - Get exam ready with last minute quick quizzes available on the Hodder Education website

Exam Board: AQA Level: AS/A-level Subject: Chemistry First Teaching: September 2015 First Exam: June 2016 Ensure your students get to grips with the core practicals and develop the skills needed to succeed with an in-depth assessment-driven approach that builds and reinforces understanding; clear summaries of practical work with sample questions and answers help to improve exam technique in order to achieve higher grades. Written by experienced author Nora Henry, this Student Guide for practical Chemistry: - Help students easily identify what they need to know with a concise summary of required practical work examined in the A-level specifications. - Consolidate understanding of practical work, methodology, mathematical and other skills out of the laboratory with exam tips and knowledge check questions, with answers in the back of the book. - Provide plenty of opportunities for students to improve exam technique with sample answers, examiners tips and exam-style questions. - Offer support beyond the Student books with coverage of methodologies and generic practical skills not focused on in the textbooks.

Ensure your students get to grips with the core practicals and develop the skills needed to succeed with an in-depth assessment-driven approach that builds and reinforces understanding; clear summaries of practical work with sample questions and answers help to improve exam technique in order to achieve higher grades. Written by experienced teachers Carol Davenport, Graham George and Kevin Lawrence, this Student Guide for practical Physics:- Help students easily identify what they need to know with a concise summary of required practical work examined in the A-level specifications.- Consolidat.

This series is for schools following OCR A double or separate award for GCSE science. The resources offer preparation for the OCR exams with teacher support to minimise time spent on administration. The teacher's resources are available

on CD-ROM in a fully customizable format.

Exam board: OCR Level: A-level Subject: Computer Science First teaching: September 2015 First exams: Summer 2017

Strengthen your students' understanding and upgrade their confidence and exam skills with our OCR Computer Science workbooks, full of self-contained exercises to consolidate knowledge and exam practice questions to improve performance. Written by an experienced Computer Science author, these full colour workbooks provide stimulus materials on all AS and A-level topics, followed by sets of questions designed to develop and test skills in the unit. - Thoroughly prepares students for their examinations as they work through numerous practice questions that cover every question type in the specification. - Helps students identify their revision needs and see how to target the top grades using online answers for each question. - Encourages ongoing revision throughout the course as students progressively develop their skills in class and at home. - Packed full with consolidation and exam practice questions, these workbooks can save valuable preparation time and expense, with self-contained exercises that don't need photocopying and provide instant lesson and homework solutions for specialist and non-specialist teachers. - Ensures that students feel confident tackling their exams as they know what to expect in each section.

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Student Unit Guides are perfect for revision. Each guide is written by an examiner and explains the unit requirements, summarises the relevant unit content and includes a series of specimen questions and answers. There are three sections to each guide: Introduction - includes advice on how to use the guide, an explanation of the skills being tested by the assessment objectives, an outline of the unit or module and, depending on the unit, suggestions for how to revise effectively and prepare for the examination questions. Content Guidance - provides an examiner's overview of the module's key terms and concepts and identifies opportunities to exhibit the skills required by the unit. It is designed to help students to structure their revision and make them aware of the concepts they need to understand the exam and

how they might analyse and evaluate topics. Question and Answers - sample questions and with graded answers which have been carefully written to reflect the style of the unit. All responses are accompanied by commentaries which highlight their respective strengths and weaknesses, giving students an insight into the mind of the examiner.

Target success in OCR AS/A-level Geography with this proven formula for effective, structured revision; key content coverage is combined with exam-style tasks and practical tips to create a revision guide that students can rely on to review, strengthen and test their knowledge.

With My Revision Notes every student can:

- Plan and manage a successful revision programme using the topic-by-topic planner
- Consolidate subject knowledge by working through clear and focused content coverage
- Test understanding and identify areas for improvement with regular 'Now Test Yourself' tasks and answers
- Enhance exam responses using relevant case studies for each topic
- Improve exam technique through practice questions, expert tips and examples of typical mistakes to avoid

Exam Board: OCR Level: A-level Subject: Computer Science First Teaching: September 2015 First Exam: June 2016 Develop confident students with our expert authors: their insight and guidance will ensure a thorough understanding of OCR A Level computer science, with challenging tasks and activities to test essential analytical and problem-solving skills.

- Endorsed by OCR for use with the OCR AS and A Level Computer Science specification and written by a trusted and experienced author team, OCR Computer Science for A Level:
- Builds students' understanding of the core topics and computing skills required by the course units - Computing Systems, Algorithms and Problem Solving, and Programming Project
- with detailed topic coverage, case studies and regular questions to measure understanding
- Develops a problem-solving approach based on computational thinking required at both AS and A Level
- thought-provoking practice questions at the end of each chapter gives opportunities to probe more deeply into key topics
- Incorporates full coverage of the skills and knowledge demanded by the examined units, with exercises to help students understand the assessment objectives and advice and examples to support them through the practical element of the course.

Encourage students to learn independently and build on their knowledge with this textbook that leads students seamlessly from basic biological concepts to more complicated theories.

- Develop experimental, analytical and evaluation skills with activities that introduce the practicals required by OCR and other experimental investigations in Biology
- Provide assessment guidance with synoptic questions and multiple choice questions throughout the book, and revision tips and skills all in one chapter
- Strengthen understanding of key concepts with contemporary and engaging examples, illustrated with accessible diagrams and images
- Give students the opportunity to apply their knowledge and understanding of all aspects of practical work with Test Yourself Questions and Exam Practice Questions
- Offer detailed guidance and examples of method with a dedicated 'Maths in Biology' chapter and mathematical support throughout
- Develop understanding with free online access to Test yourself Answers, an Extended Glossary, Learning Outcomes and Topic Summaries

Written by experienced examiner Richard Fosbery, this Student Guide for Biology:

- Identifies the key content you need to know with a concise summary of topics examined in the A-level specifications
- Enables you to measure your understanding with exam tips and knowledge check questions, with answers at the end of the guide
- Helps you to improve your exam technique with sample answers to exam-style questions
- Develops your independent learning skills with content you can use for further study and research

OCR Physics for AS level has been written specifically to cover the revised specification and includes a website containing 25 Personal Tutor worked examples. These audio-visual resources contain step by step instructions on how to complete the mathematical aspects of the

course, offering support to students when they are working on their own and allowing them to work at their own pace. The contents of the textbook follows the order of the specification and is presented in a way which should be accessible to students who have recently made the transition from GCSE Additional Science. Key points, definitions and equations are highlighted and after each section there is a brief summary of the material covered. In addition, there are groups of problems and questions at the end of each section and selections of examination questions at the end of each chapter. The author team includes experienced examiners and teachers who have worked together to ensure that the material is approachable to students from the start of their course and gives them all the guidance and information needed to enable them to face their exams with confidence.

Student Unit Guides are perfect for revision. Each guide is written by an examiner and explains the unit requirements. This guide offers advice on preparing for the OCR(B) (Salters) Units F333 Chemistry in Practice and F336 Individual Investigation assessments. The Practical Chemistry section deals with experimental results and practical techniques. It explains how to obtain and record results and how to process them.

This is an OCR endorsed resource Stretch and challenge your students' knowledge and understanding of Chemistry, build their mathematical and practical skills, and provide plenty of assessment guidance with this OCR Year 1 Student Book. - Build understanding with a summary of prior knowledge and diagnostic questions at the start of each chapter to help bring students up to speed - Support practical assessment with Practical Skill summaries that help develop your students' knowledge and skills - Test understanding and provide plenty of practice to assess progression, with Test Yourself Questions and multiple choice questions - Provide mathematical support with examples of method integrated throughout and a dedicated 'Maths in Chemistry' chapter - Develop understanding with free online access to Test yourself Answers, an Extended Glossary, Learning Outcomes and Topic Summaries OCR A Level Chemistry Student Book 1 includes AS Level

Exam Board: OCR Level: GCSE Subject: Computer Science First Teaching: September 2016 First Exam: June 2018

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

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units with clear explanations of every concept and topic, plus improve your understanding of the non-examined units with easy-to-follow chapters.
B Accessible, reliable and trusted /B- structured to match the specification and provide you with the information you need to build knowledge, understanding and skills.
B Designed to support you

The aim of this book is to provide detailed coverage of the topics in the new OCR AS and A Level Computer Science specifications H046 / H446. The book is divided into twelve sections and within each section, each chapter covers material that can comfortably be taught in one or two lessons. Material that is applicable only to the second year of the full A Level is clearly marked. Sometimes this may include an entire chapter and at other times, just a small part of a chapter. Each chapter contains exercises and questions, some new and some from past examination questions. Answers to all these are available to teachers only in a free Teacher's Pack which can be ordered from our website

www.pgonline.co.uk. This book has been written to cover the topics which will be examined in the written papers at both AS and A Level. Sections 10, 11 and 12 relate principally to problem solving skills, with programming techniques covered in sufficient depth to allow students to answer questions in Component 02. Pseudocode, rather than any specific programming language, is used in the algorithms given in the text. Sample Python programs which implement many of the algorithms are included in a folder with the Teacher's Pack.

Exam board: OCR Level: A-level Subject: Algorithms and programming First teaching: September 2015 First exams: Summer 2017 Strengthen your students' understanding and upgrade their confidence and exam skills with our OCR Computer Science workbooks, full of self-contained exercises to consolidate knowledge and exam practice questions to improve performance. Written by an experienced Computer Science author, these full colour workbooks provide stimulus materials on all AS and A-level topics, followed by sets of questions designed to develop and test skills in the unit. . Thoroughly prepares stud.

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This book helps students develop their skills, knowledge and understanding of science, scientific procedures and commercial applications of science. It covers the OCR Level 2 Nationals in Science Units Best Practice in Science, Materials Science, Forensic Science, Food Science and The Science of the Universe and Humanity providing all the background information needed. A wide range of activities are suggested which will allow students to build up their Portfolios of Evidence.

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