

Edexcel As Chemistry Textbook

Helps higher achieving students to maximise their potential, with a focus on independent learning, assessment advice and model assessment answers in this new edition of George Facer's best-selling textbook. - Encourages independent learning with notes and clear explanations throughout the content. - Strengthens understanding with worked examples of chemical equations and calculations. - Stretches the students with a bank of questions at the end of each chapter. - Provides assessment guidance and sample answers.

Combining the BTEC team's expertise with the practical experience of top authors and teachers to support learners every step of the way to BTEC success. As well as providing the knowledge and learning for every unit, the Student Book gives learners all the support they need to motivate them to achieve their best.

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Designed to be motivating to the student, this book includes features that are suitable for individual learning. It covers the AS-Level and core topics of almost all A2 specifications. It provides many questions for students to develop their competence. It also includes sections on 'Key Skills in Chemistry', 'Practical Skills' and 'Study Skills'.

Providing complete, step-by-step coverage of the 2008 Edexcel GCE Chemistry specification, this is the official student book for the concept-led approach to the specification. Written by experienced examiners, it offers students motivating and relevant content to improve exam performance and ensure students fulfil their full potential.

Written by experienced teachers, authors and examiners, this textbook provides clear and accessible coverage of the Edexcel specifications, ensuring that foundation tier candidates are focusing on the information they need to know to attain Grade C results.

The second edition of this trusted, accessible textbook has been fully updated for the new A-level specifications first teaching in September 2015. It contains a bank of practice questions for consolidation of learning and to help students of all abilities bridge the gap between GCSE and A-level study.

Matches the specifications of the Awarding Bodies (AQA:NEAB / AEB, OCR and Edexcel). This accessible text includes frequent hints, questions and examination questions, providing support and facilitating study at home. It features photographs and comprehensive illustrations with 3D chemical structures.

This comprehensive, highly accessible, exam-focused text is essential reading for all Edexcel A2 Chemistry students. Revised and updated to meet the needs of A2 students following the new specification from September 2009, and including free online support

Series Editor: Mark Levesley Pearson's resources are designed to be simple, inclusive and inspiring and to support students in studying for Edexcel GCSE (9-1) Chemistry.

Develop and assess your students' knowledge and skills throughout A level with worked examples, practical assessment guidance and differentiated end of topic questions in this updated, all-in-one textbook for Years 1 and 2. Combining everything your students need to know for the Pearson Edexcel A level Chemistry specification, this revised textbook will:

- Identify the level of your students' understanding with diagnostic questions and a summary of prior knowledge at the start of the Student Book. - Provide support for all 16 required practicals with various activities and questions, along with.

Written by a team of expert authors for the 2016 specification, this book provides a 'go-to' guide to support teachers throughout the OCR Gateway GCSE Chemistry course. Teach with confidence using an introduction to the new specification, schemes of work and a comprehensive set of editable lesson plans and worksheets. * Written by experienced teachers for the new 2016 specification * Detailed lesson plans, with learning objectives, learning outcomes and a clear teaching and learning cycle that introduces, challenges, embeds and consolidates ideas and understanding * Supports all students to make good progress, with three levels of differentiation in every lesson plan * Stretches more able students with extend activities in every lesson * Ready to use worksheets and practical sheets for recording investigative work * Technician's notes with equipment lists and set-up instructions for practicals * Flexible Scheme of Work to help you introduce and plan for the new specification

This Guide accompanies the Edexcel AS Chemistry (2nd edition) textbook (978-0-340-95760-8) and provides answers to all review questions and practice unit tests, with examiner commentary. It includes a PDF version on CD-ROM.

Suitable for all examination specifications for students over 16, this friendly and reliable guide leads students through examples of each problem.

Provide your students with complete coverage of the new Edexcel International GCSE Biology specification, with these affordable student books written by expert authors and teachers; testing knowledge and building practical skills throughout. - Build students' confidence with in-depth yet accessible scientific content - Test knowledge and understanding with study questions throughout the book - Improve students' grades with exam-style questions for every section - Challenge higher ability students with extension activities - Build practical skills with coverage of all required practicals plus further suggested experiments - Enable the student to check their own progress with answers to all activities freely available online - Enhance and maximise learning with supporting workbooks for each subject

Develop and assess your students' knowledge and mathematical skills throughout A Level with worked examples, practical assessment guidance and differentiated end of topic questions with this Edexcel Year 1 student book - Identifies the level of your students' understanding with diagnostic questions and a summary of prior knowledge at the start of the Year 1 Student Book - Provides support for all 16 required practicals with various activities and questions, along with a 'Practical' chapter covering procedural understanding and key ideas related to measurement - Mathematical skills are integrated throughout with plenty of worked examples, including notes on methods to help explain the strategies for solving each type of problem - Offers plenty of

practice with Test Yourself Questions to help students assess their understanding and measure progress - Encourages further reading and study with short passages of extension material - Develops understanding with free online access to Test yourself Answers, an Extended Glossary, Learning Outcomes and Topic Summaries Edexcel A level Chemistry Year 1 Student Book includes AS level

Edexcel a Level Chemistry Year 1 Student Book

Help higher achieving students to maximise their potential, with a focus on independent learning, assessment advice and model assessment answers in this new edition of George Facer's best-selling textbook. - Encourages independent learning with notes and clear explanations throughout the content - Strengthens understanding with worked examples of chemical equations and calculations - Stretches the students with a bank of questions at the end of each chapter - Provides assessment guidance and sample answers

Exam Board: Edexcel Level: 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 teacher and author David Scott, 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. The Edexcel A level Lab Books support students in completing the A level Core Practical requirements. This lab book includes: all the instructions students need to perform the Core Practical, consistent with our A level online teaching resources writing frames for students to record their results and reflect on their work CPAC Skills Checklists, so that students can track the practical skills they have learned, in preparation for their exams practical skills practice questions a full set of answers. This lab book is designed to help students to: structure their A level lab work to ensure that they cover the Core Practical assessment criteria track their progress in the development of A level practical skills create a record of all of the Core Practical work they will have completed, in preparation for revision.

Exam Board: Edexcel Level & Subject: International GCSE Biology and Double Award Science First teaching: September 2017 First exams: June 2019

Linked to the Pearson Edexcel 11-16 Science Learning Pathway and GCSE specifications, this Lab Book will help to introduce and embed the skills and terminology that are needed for students to succeed in the core practical components of their Edexcel GCSE (9-1) Science course. 12 fun, inspiring KS3 practicals, fully reviewed for safety by CLEAPSS. All the instructions students will need to perform these practicals. Writing frames for students to record their results and reflect on their work. Guidance to help students build confidence in key skills such as experimental design, recording and presentation of results, and evaluation of methods and data. A selection of questions to help Key Stage 3 students prepare for GCSE-style assessment. A Practical Skills Checklist so students can track the skills they have developed. Everything students need for the 12 key practicals in one Lab Book, eliminating the need for additional photocopying or printing off other pieces of paper (such as graphs). Comprehensive teacher and technician notes to help with delivery.

Develop and assess your students' knowledge and skills throughout A level with worked examples, practical assessment guidance and differentiated end of topic questions in this updated, all-in-one textbook for Years 1 and 2. Combining everything your students need to know for the Pearson Edexcel A level Chemistry specification, this revised textbook will: - Identify the level of your students' understanding with diagnostic questions and a summary of prior knowledge at the start of the Student Book. - Provide support for all 16 required practicals with various activities and questions, along with a 'Practical' chapter covering procedural understanding and key ideas related to measurement. - Improve mathematical skills with plenty of worked examples, including notes on methods to help explain the strategies for solving each type of problem. - Offer plenty of practice with 'Test yourself' questions to help students assess their understanding and measure progress. - Encourage further reading and study with short passages of extension material. - Develop understanding with free online access to 'Test yourself' answers and an extended glossary.

Exam Board: Edexcel Level: AS/A-level Subject: Chemistry First Teaching: September 2015 First Exam: June 2016 Endorsed by Edexcel Develop and assess your students' knowledge and mathematical skills throughout A Level with worked examples, practical assessment guidance and differentiated end of topic questions with this Edexcel Year 1 student book - Identifies the level of your students' understanding with diagnostic questions and a summary of prior knowledge at the start of the Year 1 Student Book - Provides support for all 16 required practicals with various activities and questions, along with a 'Practical' chapter covering procedural understanding and key ideas related to measurement - Mathematical skills are integrated throughout with plenty of worked examples, including notes on methods to help explain the strategies for solving each type of problem - Offers plenty of practice with Test Yourself Questions to help students assess their understanding and measure progress - Encourages further reading and study with short passages of extension material - Develops understanding with free online access to Test yourself Answers and an Extended Glossary. Edexcel A level Chemistry Year 1 Student Book includes AS level.

A textbook for students studying A2 Chemistry Edexcel.

Help students to apply and develop their knowledge, progressing from basic concepts to more complicated Chemistry, with worked examples, practical activities and mathematical support throughout. - Provides support for all 12 required practicals with activities that introduce practical work and other experimental investigations in Chemistry - Offers detailed examples to help students get to grips with difficult concepts such as Physical Chemistry calculations - Mathematical skills are integrated throughout the book and all summarised in one chapter for easy reference - Allows you to easily measure progression with Differentiated End of Topic questions and Test Yourself Questions - Develops understanding with free online access to Test yourself Answers, an Extended Glossary, Learning Outcomes and Topic Summaries

Help students to build and develop the essential knowledge and skills needed, provide practical assessment guidance and plenty of support for the new mathematical requirements with this Edexcel Year 1 Student Book. - Supports practical assessment with Practical Skill summaries throughout - Provides support for all 16 required practicals with detailed explanations, data and exam style questions for students to answer - Builds understanding and knowledge with a variety of questions to engage and challenge students throughout the course: prior knowledge, worked examples, Test Yourself and Exam Practice Questions - Acts as an aid for the mathematical requirements of the course with worked examples of calculations and a dedicated 'Maths in Physics' chapter - Develops understanding with free online access to Test yourself Answers, an Extended Glossary, Learning Outcomes and Topic Summaries Edexcel A level Physics Student Book 1 includes AS level

Helps higher achieving students to maximise their potential, with a focus on independent learning, assessment advice and model assessment

answers in this new edition of George Facer's best-selling textbook. - Encourages independent learning with notes and clear explanations throughout the content - Strengthens understanding with worked examples of chemical equations and calculations - Stretches the students with a bank of questions at the end of each chapter - Provides assessment guidance and sample answers

The Edexcel Chemistry for AS Book and Student's website have been developed by two highly experienced chemistry authors to support the revised Edexcel specifications. The website (powered by Dynamic Learning), provides students with interactive pages enhanced with additional resources. Tailored precisely to the revised Edexcel specification, The Student's Book includes both quick 'Test yourself' questions throughout each of the 19 topics and end of topic Review questions. Activities involving data analysis and contemporary contexts are also included throughout the book 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 more able, covering some ideas in greater depth - Answers to all Test yourself questions and questions in the activities in the Student's Book

* Offers complete coverage of the new specification * Includes free student ActiveBook CD-ROM * Links to additional support and teacher support are provided online directly from Edexcel

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. Progress check questions test recall and understanding, and end of unit sample questions and model answers provide essential practice to improve students exam technique.

A textbook for students studying Edexcel AS Chemistry.

Developed for the new International A Level specification, these new resources are specifically designed for international students, with a strong focus on progression, recognition and transferable skills, allowing learning in a local context to a global standard. Recognised by universities worldwide and fully comparable to UK reformed GCE A levels. Supports a modular approach, in line with the specification. Appropriate international content puts learning in a real-world context, to a global standard, making it engaging and relevant for all learners. Reviewed by a language specialist to ensure materials are written in a clear and accessible style. The embedded transferable skills, needed for progression to higher education and employment, are signposted so students understand what skills they are developing and therefore go on to use these skills more effectively in the future. Exam practice provides opportunities to assess understanding and progress, so students can make the best progress they can.

This book has been written to match the requirements of the Edexcel specifications for GCSE Business Studies.

Activities are included to encourage students to explore the individual topics in more detail and develop key skills.

Exam Board: Edexcel Level: AS/A-level Subject: Chemistry First Teaching: September 2015 First Exam: June 2017

Develop and assess your students' knowledge and mathematical skills throughout A Level with worked examples, practical assessment guidance and differentiated end of topic questions with this Edexcel Year 2 student book. -

Identifies the level of your students' understanding with diagnostic questions and a summary of prior knowledge at the start of the Year 1 Student Book. - Provides support for all 16 required practicals with various activities and questions, along with a 'Practical' chapter covering procedural understanding and key ideas related to measurement - Mathematical skills are integrated throughout with plenty of worked examples, including notes on methods to help explain the strategies for solving each type of problem - Offers plenty of practice with Test Yourself Questions to help students assess their understanding and measure progress - Encourages further reading and study with short passages of extension material - Develops understanding with free online access to Test yourself Answers and an Extended Glossary.

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