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Exam Board: Edexcel Level: IGCSE Subject: Science First Teaching: September 2017 First Exam: June 2019 Develop your students' scientific thinking and practical skills with this second edition, fully updated to match the new 2017 specifications. - Build students' confidence with in-depth yet accessible scientific content - Test understanding with study questions throughout the book - Prepare students for the exam with sample answers and expert comments plus exam-style questions for every section - Build practical skills with coverage of all required practicals plus further suggested experiments - Develop mathematical skills with maths explanations and questions throughout - Challenge higher ability students with extend and challenge activities - Answers to all activities freely available online The 'Longman Science 11-14' series aims to put science into context both historically and in the modern world as well as reinforcing and consolidating learning through questions, summaries and investigation ideas. This revision guide for Key Stage 3 history contains in-depth course coverage and advice on how to get the best results in the national test. It has progress check questions and exam practice questions. Target

success in CCEA GCSE Chemistry 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 - Improve exam technique through practice questions, expert tips and examples of typical mistakes to avoid - Answers to the practice questions available online Specifically tailored for the new 2016 AQA GCSE Science (9-1) specifications, this third edition supports your students on their journey from Key Stage 3 and through to success in the new linear GCSE qualifications. This series help students and teachers monitor progress, while supporting the increased demand, maths, and new practical requirements. Exam Board: AQA, Edexcel, OCR & WJEC Eduqas Level: GCSE Grade 9-1 Subject: Combined Science First Teaching: September 2016, First Exams: June 2018 Left your GCSE Grade 9-1 Combined Science revision to the last minute? Don't panic! Letts will get you through. Practise and pass your exam in just two weeks with this effective new Letts revision guide that gets straight to the point. Don't have enough time to learn Combined Science in 4 weeks? Our customised 14-day revision plan breaks down essential topics like biology, chemistry and physics into manageable blocks that take less than an hour to revise. Impressive! Plus, summary boxes after each topic make sure you don't miss out on any key points. Check your recall and understanding with quick tests and questions designed to prepare you for your GCSE Grade 9-1 exam. Looking for more GCSE Grade 9-1 science revision guides? Be sure to check out our Biology In a Week (9780008276041), Chemistry In a Week (9780008276058) and Physics In a Week (9780008276065) study guides for GCSE Grade 9-1 revision success. This book aims to cover the specifications of the main examination boards for GCSE Double Science, GCSE Single Science

and the core content of GCSE Chemistry. Where relevant, Key Stage 3 material is summarized as an introduction to GCSE topics. This serves as a revision of work done prior to Key Stage 4, and a foundation for GCSE studies. The book is Help your students fine tune their understanding, develop their examination technique and ensure they achieve their best. Written by experienced authors to cover the new CCEA GCSE Chemistry specifications in full, this Revision Book provides students with all the ingredients for exam success. - Essential facts are carefully organised to help students revise effectively - Helpful tips provide guidance on how students can improve their grades - Sample questions and answers allow students to check their understanding and find out where they can improve

CONTENTS:
Unit 1 1. Elements, Compounds and Mixtures 2. Atomic Structure and Bonding 3. Formulae and Equations 4. The Periodic Table 5. Quantitative Chemistry 6. Acids, Bases and Salts 7. Tests for Ions 8. Solubility Unit 2 9. Reactivity Series of Metals 10. Water 11. Different Types of Chemical Reactions 12. Rates of Reactions 13. Non-metals 14. Organic Chemistry 15. Quantitative Chemistry 16. Materials

GCSE Chemistry features relevant up-to-date material, including Internet research activities, photos, diagrams and illustrations in full colour. The revised second edition includes expanded coverage of the development of scientific ideas, as well as further information on topics such as instrumental techniques for identifying elements and compounds, the effects of plate tectonics, colloids and carboxylic acids. There is additional material on the technological applications of chemistry, and questions have been updated. Specifically tailored for the new 2016 AQA GCSE Science (91) specifications, this third edition supports your students on their journey from Key Stage 3 and through to success in the new linear GCSE qualifications. These revision guides will help students revise key concepts, and provide plenty of differentiated practice questions and support. Part 1 deals with the theory of misconceptions, by including information on some of the key alternative conceptions that have been uncovered by research. Exam Board: Edexcel Level & Subject: International GCSE Biology and Double Award Science First teaching: September 2017 First

exams: June 2019 Covering the whole of the new 2016 GCSE Chemistry course, this book is structured around a brand new innovative assessment framework that uses regular check points and tailored intervention to help all students make progress. This book has been entered into the AQA approval process. Written by a team of expert authors for the 2016 AQA specification, this book covers the whole of the new GCSE Chemistry course. It combines clear and comprehensive explanations with a wealth of practice opportunities, and builds the skills that students will need to succeed. Track students progress in the new linear GCSE course through a brand new, innovative assessment framework. Teaching is organised into four semesters that function as checkpoints. Each spread starts with language and ideas at a lower level and increases in complexity, engaging students of all ability levels Key concept spreads highlight concepts that students must grasp before they can move on Stipulated practicals spreads in each chapter build and test students development of the appropriate skills (e.g. analysing, evaluating and applying to different contexts) Maths skills are embedded throughout the book and tested at the appropriate level Real-life contexts and applications are included to show the students the relevance of the concepts they are studying Prepare students for the demands of the new specification with differentiated questions, worked examples and lots of opportunities to practice Co-teach both Foundation and Higher tier with a single book (the Higher-only content is clearly flagged)" This revision guide provides in-depth coverage of all the externally assessed course content for GCSE AQA Chemistry. This book can be used to support study throughout the course and as a revision aid in the build up to exams. * In-depth coverage provides everything required for thorough exam preparation * Detailed explanations and diagrams help consolidate and build on knowledge throughout the course * Clear design and direct references to the specification provide structured revision and maximum assurance. This revision guide provides in-depth coverage of all the externally assessed course content for GCSE AQA Chemistry. This book can be used to support study throughout the course and as a revision

aid in the build up to exams. * In-depth coverage provides everything required for thorough exam preparation * Detailed explanations and diagrams help consolidate and build on knowledge throughout the course * Clear design and direct references to the specification provide structured revision and maximum assurance. This book is the Welsh Language Edition. Build essential maths, literacy and working scientifically skills to boost marks in GCSE Chemistry and ensure that students reach their full potential. Suitable for all specifications, this skills book provides additional support and will help to: - Sharpen mathematical skills with plenty of practice questions and coverage of all the maths techniques needed for the exams. - Improve literacy skills with tips on how to write longer answers, plus peer-assessment marking activities. - Develop the working scientifically skills needed to plan, carry out and evaluate practical experiments, in order to secure the maximum number of marks. - Build confidence by putting skills into practice; using our three-step formula students will progress from worked examples to guided questions and exam-style questions, with fully-worked solutions in the book. - Raise performance in the exams with practical advice on how to revise effectively and tips on understanding the questions, command words and assessment objectives. Exam Board: WJEC Level: GCSE Subject: Chemistry First Teaching: September 2016 First Exam: June 2018 Welsh edition. Expand and challenge your students' knowledge and understanding of Chemistry with this textbook that guides students through each topic within the new curriculum; produced by a trusted author team and the established WJEC GCSE Science publisher. - Test understanding and reinforce learning with differentiated Test Yourself questions, Discussion points, exam-style questions and useful chapter summaries. - Provide support for all required practicals along with extra tasks for broader learning. - Support the mathematical and Working scientifically requirements of the new specification with opportunities to develop these skills throughout. - Supports the separate science Chemistry and is also suitable to support the WJEC GCSE Science (Double Award) qualification. This Workbook will support and motivate students working in grades

8-9 students to reach their full potential and achieve success with targeted questions and support. * Provides plenty of practice opportunities for short- and long-answer questions on every topic* Helps students improve and focus their answers with worked examples* Further support from hints and tips on how to structure answers, provide the right level of detail and more The range of questions available encourages students to develop their skills in applying and analysing as well as recall. The workbook provides coverage of maths and practical skills as well as synoptic questions. Frequent support notes provide hints and tips on strategies for decoding questions (for example by identifying key words in the question), key terminology, and how to write explanations and give the right amount of detail. Letts Cambridge IGCSE(R) Chemistry Revision Guide provides clear and accessible revision content to support all students, with lots of practice opportunities to build your confidence and help you prepare for your Cambridge IGCSE(R) Chemistry assessments. Covering the latest Cambridge IGCSE(R) Chemistry syllabus, this revision guide includes: - Clear and concise syllabus coverage, with the extended material clearly differentiated- Topics in short, user-friendly sections to help you plan your revision in manageable chunks- Revision tips to provide essential assessment guidance- Quick test and exam-style practice questions for every topic, so you can check your progress and develop your exam skills- A supporting glossary with easy-to-understand definitions of key terms This homework book provides graded homework questions to help the teacher set homework for a range of abilities. It offers 14 sets of homework questions for each of the 12 modules in the NEAB science syllabus. Aiming for your very best grades in AQA GCSE Chemistry? This revision guide will support you every step of the way. My Revision Notes (for A* to C): AQA GCSE Chemistry will help you revise effectively in the way you want to, allowing you to plan and pace your revision according to your learning needs, and to adapt and personalise with your own notes. Written by experienced teachers and examiners, you can be confident that this guide will cover only the facts and ideas you will be expected to recall and be able to use. With My

Revision Notes (for A* to C): AQA GCSE

Chemistry, essential facts are organised into memorable portions to make revising easier. Each double-page spread summarises a key topic for AQA GCSE Chemistry and is packed with questions and quick-fire quizzes so you can test your understanding and track your progress. Exam tips and hints then show you how to avoid losing marks and get the best grades. With additional online support and advice on using terms and applying your scientific skills, this guide will help you prepare for your top grades. Learning to Teach Science in the Secondary School is an indispensable guide with a fresh approach to the process, practice and reality of teaching and learning science in a busy secondary school. This fourth edition has been fully updated in the light of changes to professional knowledge and practice and revisions to the national curriculum. Written by experienced practitioners, this popular textbook comprehensively covers the opportunities and challenges of teaching science in the secondary school. It provides guidance on:

- the knowledge and skills you need, and understanding the science department at your school
- development of the science curriculum
- the nature of science and how science works, biology, chemistry, physics and astronomy, earth science
- planning for progression, using schemes of work to support planning, and evaluating lessons
- language in science, practical work, using ICT, science for citizenship, Sex and Health Education and learning outside the classroom
- assessment for learning and external assessment and examinations

Every unit includes a clear chapter introduction, learning objectives, further reading, lists of useful resources and specially designed tasks - including those to support Masters Level work - as well as cross-referencing to essential advice in the core text. Learning to Teach in the Secondary School, sixth edition. Learning to Teach Science in the Secondary School is designed to support student teachers through the transition from graduate scientist to practising science teacher, while achieving the highest level of personal and professional development. Practise and prepare for AQA GCSE Chemistry with hundreds of topic-based questions and one complete set of exam

practice papers designed to strengthen knowledge and prepare students for the exams. This extensive practice book raises students' performance by providing 'shed loads of practice', following the 'SLOP' learning approach that's recommended by teachers.

- Consolidate knowledge and understanding with practice questions for every topic and type of question, including multiple-choice, multi-step calculations and extended response questions.
- Develop the mathematical, literacy and practical skills required for the exams; each question indicates in the margin which skills are being tested.
- Confidently approach the exam having completed one set of exam-style practice papers that replicate the types, wording and structure of the questions students will face.
- Identify topics and skills for revision, using the page references in the margin to refer back to the specification and accompanying Hodder Education Student Books for remediation.
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Subject: science; biology, chemistry, and physics
Level: Key Stage 3 (age 11-14)
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integrated content and language support for specific subjects. Breakthrough to CLIL for Chemistry, Age 14+ helps ESL/EAL students get the most out of their studies when learning subjects through the medium of English. The workbook contains exercises set within the context of core topics to consolidate understanding, embedding practice in aspects of language central to the subject in question. It is designed to support any Chemistry curriculum for students aged 14-16, including UK GCSE, Cambridge IGCSE® and IB MYP. The book should be used alongside a core textbook and may be used within the classroom or as a self-study or homework resource. One of a series of books designed for middle to higher ability students following the revised GCSE Double and Triple Award specifications. Exam-style questions and practice questions aim to facilitate progression from GCSE to AS/S level. Build your students' scientific thinking and practical skills with this textbook developed specifically for the 2017 GCSE specifications and from the No. 1 publisher for CCEA GCSE Science. - Develop understanding with clear Examples, Tips and Practical activities. - Prepare students for assessment with Test Yourself questions, Maths practice and Exam-style questions throughout. - Provides everything you need for GCSE Chemistry and the Chemistry content of GCSE Double Award Science. - Supports Foundation and Higher-tier students in one book. This fully revised edition is in line with the revised 2002 National Curriculum requirements and focuses on quantitative chemistry in science. Written to match all major GCSE specifications the text covers all types of numerical questions from first principles. For each topic, a concise treatment of the underlying theory is followed by problems grouped into three sections of increasing difficulty. Calculations based on round number molar masses are included to enable students to concentrate on the chemical basis of the problems rather than arithmetical manipulation. Subject: science; biology, chemistry, and physics Level: Key Stage 3 (age 11-14) Exciting, real-world 11-14 science that builds a base for International GCSEs Pearson's popular 11-14 Exploring Science course - loved by teachers for its exciting, real-world science - inspires the next generation of scientists. With brand-new

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