

# GCSE CHEMISTRY PAPER 1 TOPICS

## Atomic structure and the periodic table

- The structure of the atom
- The periodic table
- Electronic configurations The relationship between electronic configuration and the periodic table
- Ionisation energy and electronegativity

## Bonding, structure, and the properties of matter

- Ionic bonding
- Covalent bonding
- Metallic bonding
- Intermolecular forces
- States of matter
- The relationship between structure and properties of matter

## Quantitative chemistry

- Mole concept
- Stoichiometry
- Avogadro's number
- Gas laws
- Volumetric analysis

## Chemical changes

- Types of chemical reactions
- Balancing chemical equations
- Redox reactions
- Reaction energy
- Factors affecting the rate of chemical reactions

## Energy changes

- Heat energy
- Exothermic and endothermic reactions
- Bond energy
- Hess's law
- Activation energy

# Ocr Gcse Chemistry Past Papers

**Jenny Frost**

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Succeeding in the Biomedical Admissions Test (BMAT) BPP Learning Media, 2012-12-01 Succeeding in the Biomedical Admissions Test is a comprehensive guide that provides prospective applicants with the information necessary to achieve the desired results on the BMAT including practice questions and a full mock exam.

Learning to Teach Science in the Secondary School Jenny Frost, 2004-07-15 The second edition of this popular student textbook presents an up to date and comprehensive introduction to the process and practice of teaching and learning science in the secondary school.

*Advanced Chemistry for You* Lawrie Ryan, 2000 Advanced Chemistry for You has been carefully designed to be interesting and motivating to the AS A2 student with features that make it highly supportive of individual learning. Written by an experienced author team with the same straightforward approach as the successful New for You GCSE series.

*Choose the right A levels* Ray Le Tarouilly, 2017-11-03 Selecting the right A levels is more important than ever in helping you shape your future path whether through securing a place at your ideal university or starting out on your chosen career. But with such a huge variety of subject options and combinations on offer where do you begin and indeed what are the right choices. In truth what's right is what's best for you and any decisions you make about your future should therefore be informed and personal to you to ensure you find the perfect match to suit your own individual interests, skills and learning style. Giving you all the knowledge you need at your fingertips to support you in making these important decisions. Choose the Right A levels is your one stop source of practical information answering key questions such as: What does the course outline look like and how is the subject assessed? What key skills does the subject draw on and develop? Which subjects are preferred or required for certain degree courses and careers? What will I need at GCSE to study the subject and how does the subject compare to GCSE? What subjects combine well together? This comprehensive and impartial guide also features comparative data on national pass rates for each subject and insightful student case studies on what did and didn't work well for others. Written by an expert Careers Adviser and laid out in a simple format for ease of use, this accessible guide is your essential aid to navigating the wide range of subject options available and making the best choices for you and your future.

**The Times Index**, 2008 Indexes the Times and its supplements.

**GCSE Chemistry OCR Gateway Revision Question Cards** CGP Books, 2019-08-08

**OCR Gateway GCSE Chemistry** Steve Langfield, Sam Holyman, 2011

**The British National Bibliography** Arthur James Wells, 2003

**Business Review**, 2002

**OCR Twenty First Century GCSE Chemistry A** Neil Dixon, 2011-09 With clear and concise

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**GCSE Chemistry** CGP Books,2016

**Gcse Chemistry OCR Gateway** Richard Parsons,2007-04-01 GCSE Chemistry OCR Gateway Practice Papers Higher

**Ocr Gateway Gcse Chemistry Essentials** Steve Langfield,2008-04-01 A student friendly approach to revision This revision guide provides concise coverage of the GCSE OCR Gateway Chemistry specification The guide offers a student friendly approach to the core content with succinct notes and practice questions that focus on the essential content needed for the exams

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**Revision Plus Ocr B Gcse Chemistry Workbook** Steve Langfield,2008-02-01 This workbook accompanies the GCSE OCR B Chemistry revision guide and provides practice questions matched to each page of the guide The workbook tests knowledge and helps reinforce understanding for thorough exam preparation

**Gcse Chemistry OCR 21st Century Revision Guide** CGP Books,Richard Parsons,2011-01-23 GCSE Chemistry OCR 21st Century Revision Guide with online edition

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