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<b>Pearson Edexcel Level 3 GCE</b>							
<b>Tuesday 14 May 2024</b>							
Morning (Time: 1 hour 30 minutes)				Paper reference		<b>8CH0/01</b>	
<b>Chemistry</b> <b>Advanced Subsidiary</b> <b>PAPER 1: Core Inorganic and Physical Chemistry</b>							
You must have: Scientific calculator, Data Booklet						Total Marks	

### Instructions

- Use **black** ink or ball-point pen.
- If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided  
– there may be more space than you need.

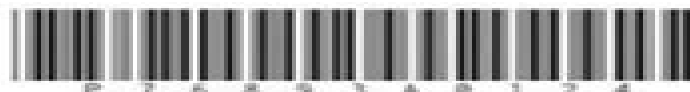
### Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets  
– use this as a guide as to how much time to spend on each question.
- For the question marked with an **asterisk (\*)**, marks will be awarded for your ability to structure your answer logically, showing the points that you make are related or follow on from each other where appropriate.
- A Periodic Table is printed on the back cover of this paper.

### Advice

- Read each question carefully before you start to answer it.
- Show all your working in calculations and include units where appropriate.
- Check your answers if you have time at the end.

Turn over ➤



# Core Teaching Resources Chemistry Pearson Education

**Ian Pickup**



## **Core Teaching Resources Chemistry Pearson Education:**

Chemistry Antony C. Wilbraham, Dennis D. Staley, Michael S. Matta, Edward L. Waterman, 2004-06-01 Bring content to life with the interactive whiteboard ready products for Prentice Hall Chemistry Prentice Hall Chemistry meets the needs of students with a range of abilities diversities and learning styles by providing real world connections to chemical concepts and processes The first nine chapters introduce students to the conceptual nature of chemistry before they encounter the more rigorous mathematical models and concepts in later chapters The technology backbone of the program is the widely praised Interactive Textbook with ChemASAP which provides frequent opportunities to practice and reinforce key concepts with tutorials that bring chemistry to students through Animations Simulations Assessment and Problem solving tutorials

**Resources in Education** ,1999 *Literacy Assessment and Instructional Strategies* Kathy B. Grant, Sandra E. Golden, Sandra Golden, Nance S. Wilson, 2014-09-03 This is a core textbook designed to prepare literacy educators to conduct reading and writing assessment and to help them develop appropriate corrective literacy strategies for use with their students Even More Brain-powered Science Thomas O'Brien, 2011 The third of Thomas O'Brien's books designed for 50Co12 grade science teachers Even More Brain Powered Science uses questions and inquiry oriented discrepant events OCoexperiments or demonstrations in which the outcomes are not what students expect OCo to dispute misconceptions and challenge students to think about discuss and examine the real outcomes of the experiments OCOBrien has developed interactive activities OComany of which use inexpensive materials OCo to engage the natural curiosity of both teachers and students and create new levels of scientific understanding **Introduction to Statistical Data Analysis for the Life Sciences, Second Edition** Claus Thorn Ekstrom, Helle Sørensen, 2014-11-06 A Hands On Approach to Teaching Introductory Statistics Expanded with over 100 more pages Introduction to Statistical Data Analysis for the Life Sciences Second Edition presents the right balance of data examples statistical theory and computing to teach introductory statistics to students in the life sciences This popular textbook covers the mathematics underlying classical statistical analysis the modeling aspects of statistical analysis and the biological interpretation of results and the application of statistical software in analyzing real world problems and datasets New to the Second Edition A new chapter on non linear regression models A new chapter that contains examples of complete data analyses illustrating how a full fledged statistical analysis is undertaken Additional exercises in most chapters A summary of statistical formulas related to the specific designs used to teach the statistical concepts This text provides a computational toolbox that enables students to analyze real datasets and gain the confidence and skills to undertake more sophisticated analyses Although accessible with any statistical software the text encourages a reliance on R For those new to R an introduction to the software is available in an appendix The book also includes end of chapter exercises as well as an entire chapter of case exercises that help students apply their knowledge to larger datasets and learn more about approaches specific to the life sciences *The Software Encyclopedia* ,1988 The School Science

Review ,2005      **Resources in Education** ,1984      **International Yearbook of Educational and Instructional Technology** Association for Programmed Learning and Educational Technology,1978      **The High School Teacher** ,1927  
**International Yearbook of Educational and Instructional Technology** ,1978      *The Education Index* ,1988  
**Manufacturers Record** ,1929      The School World ,1913      **Current Index to Journals in Education** ,1989      *The American School* ,1917      **Druggists Circular** ,1928      *Comprehensive Dissertation Index, 1861-1972: Education* Xerox University Microfilms,1973      **British Book News** British Council,1991 Includes no 53a British wartime books for young people      **Directory [of] Officers, Faculty, and Staff and Associated Organizations** University of Michigan,2000

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