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Birds and Climate Change
Families and Food in Hard Times
Target Science: Physics
The Cambridge History of Twentieth-Century Music
Understanding Reading
Complete Physics
Potential Energy Surfaces and Dynamics Calculations
New Coordinated Science: Physics Students' Book
Cambridge IGCSE® and O Level Complete Physics: Workbook Fourth Edition
Advanced Physics Through Diagrams
Explaining Physics
Complete Physics for Cambridge IGCSE®
Cambridge IGCSE® & O Level Complete Physics: Student Book Fourth Edition
Science to GCSE
Essentials of Physical Chemistry 28th Edition
Complete Science for Cambridge IGCSE ®: Complete Physics for Cambridge IGCSE ® Student Book (Third Edition)
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Emotional Literacy
Complete Physics for Cambridge IGCSE® with CD-ROM (Second Edition)
IB Physics Course Book
Groundwater Age
Exploring ODEs
Ordinary Level Physics

The Cambridge Companion to Stravinsky
Density Functional Theory

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KEMP JAIDEN

Oxford Textbook of Neurological Surgery Cambridge University Press

The most comprehensive match to the new 2014 Chemistry syllabus, this completely revised edition gives you unrivalled support for the new concept-based approach, the Nature of science. The only DP Chemistry resource that includes support directly from the IB, focused exam practice, TOK links and real-life applications drive achievement.

The Quest for Artificial Intelligence OUP Oxford

Essentials of Physical Chemistry is a classic textbook on the subject explaining fundamentals concepts with discussions, illustrations and exercises. With clear explanation, systematic presentation, and scientific accuracy, the book not only helps the students clear misconceptions about the basic concepts but also enhances students' ability to analyse and systematically solve problems. This bestseller is primarily designed for B.Sc. students and would equally be useful for the aspirants of medical and engineering entrance examinations.

Cambridge IGCSE Physics 3rd Edition Oxford University Press - Children

This step-by-step program opens the door to achieving emotional power. Instructions are given on how emotional literacy -- intelligence with a heart -- can be learned through practising specific exercises that foster the awareness of emotion in oneself and others, by increasing capacities to love others and oneself while developing honesty, and by taking responsibility for one's actions. Provided are instructions on how to reverse the dangerous self-destructive emotional patterns that can rule a person's life. This program shows individuals how to open their hearts and minds to honest and effective communication, how to survey the emotional landscape, and ultimately how to take responsibility for their emotional lives.

Adult Hydrocephalus SIAM

This series builds on the fact that pictures are easier to memorize than words. Each topic is summarized on a single page using annotated diagrams and concise notes with a full index for easy reference. Expert authors have taken the content of the AS and A Level specifications and presented them in a refreshingly clear and concise format.

Static Compression of Energetic Materials Oxford University Press, USA

Publisher Description

[Cambridge IGCSE & O Level Physics: Exam Success](#) Oxford University Press

This second edition provides full coverage of the most recent IGCSE syllabus in a highly illustrative and accessible way. It also comes with a free CD, including additional exam style questions, interactive exercises and revision tips. Fully endorsed by University of Cambridge International Examinations.

Birds and Climate Change UCL Press

The Cambridge IGCSE® & O Level Complete Physics Student Book is at the heart of delivering the

course. It has been fully updated and matched to the latest Cambridge IGCSE (0625) & O Level (5054) Physics syllabuses, ensuring it covers all the content that students need to succeed. The Student Book is written by Stephen Pople, experienced and trusted author of our previous, best-selling edition, and Anna Harris. It has been reviewed by subject experts globally to ensure it meets teachers' needs. The book offers a rigorous approach, with a light touch to make it engaging. Varied and flexible assessment-focused support and exam-style questions improve students' performance and help them to progress, while the enriching content equips them for further study. The Student Book is available in print, online or via a great-value print and online pack. The supporting Exam Success Guide and Practical Workbook help students achieve top marks in their exams, while the Workbook, for independent practice, strengthens exam potential inside and outside the classroom.

Families and Food in Hard Times Oxford University Press, USA

Provides guidelines for managing this grossly underdiagnosed and undertreated condition, focusing on early detection and timely, effective interventions.

Target Science: Physics Springer

Complete Chemistry is a revised and enlarged edition of the popular GCSE Chemistry improved to bring it totally up-to-date. This book covers all syllabuses with core material, for Double Award, and extension material, for Science: Chemistry. The breadth and depth is sufficient to stretch your students aiming for the top grades and makes it an excellent foundation for those intending to progress to advanced level chemistry. Key Points: · Now includes all the necessary topics for IGCSE · Concepts and principles of chemistry presented in a clear, straightforward style · Lively and colourful coverage of the relevance of chemistry in the real world · End of chapter testing with more challenging and structured questions · Examination style questions · Pagination remains the same as GCSE Chemistry so that the two can be used alongside each other

[The Cambridge History of Twentieth-Century Music](#) Springer Science & Business Media

A critical synthesis of the impacts of climate change on birds, examining potential future effects and conservation responses.

[Understanding Reading](#) Oxford University Press, USA

Stravinsky's work spanned the major part of the twentieth century and engaged with nearly all its principal compositional developments. This Companion reflects the breadth of Stravinsky's achievement and influence in essays by leading international scholars on a wide range of topics. It is divided into three parts dealing with the contexts within which Stravinsky worked (Russian, modernist and compositional), with his key compositions (Russian, neoclassical and serial), and with the reception of his ideas (through performance, analysis and criticism). The volume concludes with an interview with the leading Dutch composer Louis Andriessen and a major re-evaluation of 'Stravinsky and Us' by Richard Taruskin.

Complete Physics Oxford University Press, USA

Groundwater Age is the first book of its kind that incorporates and synthesizes the state-of-the-art knowledge about the business of groundwater dating - including historical development, principles,

applications, various methods, and likely future progress in the concept. It is a well-organized, advanced, clearly written resource for all the professionals, scientists, graduate students, consultants, and water sector managers who deal with groundwater and who seek a comprehensive treatment of the subject of groundwater age.

Potential Energy Surfaces and Dynamics Calculations Springer Science & Business Media
Demonstrates how anyone in math, science, and engineering can master DFT calculations. Density functional theory (DFT) is one of the most frequently used computational tools for studying and predicting the properties of isolated molecules, bulk solids, and material interfaces, including surfaces. Although the theoretical underpinnings of DFT are quite complicated, this book demonstrates that the basic concepts underlying the calculations are simple enough to be understood by anyone with a background in chemistry, physics, engineering, or mathematics. The authors show how the widespread availability of powerful DFT codes makes it possible for students and researchers to apply this important computational technique to a broad range of fundamental and applied problems. *Density Functional Theory: A Practical Introduction* offers a concise, easy-to-follow introduction to the key concepts and practical applications of DFT, focusing on plane-wave DFT. The authors have many years of experience introducing DFT to students from a variety of backgrounds. The book therefore offers several features that have proven to be helpful in enabling students to master the subject, including: Problem sets in each chapter that give readers the opportunity to test their knowledge by performing their own calculations. Worked examples that demonstrate how DFT calculations are used to solve real-world problems. Further readings listed in each chapter enabling readers to investigate specific topics in greater depth. This text is written at a level suitable for individuals from a variety of scientific, mathematical, and engineering backgrounds. No previous experience working with DFT calculations is needed.

New Coordinated Science: Physics Students' Book Routledge

Stephen Pople, one of today's most respected science authors, has created a totally new physics book to prepare students for examinations. *Complete Physics* covers all syllabuses due to a unique combination of Core Pages and Further Topics. Each chapter contains core material valid for all syllabuses. Further Topics at the end can be selected to provide the right mix of pages for the syllabus you are teaching. Key Points: · Totally new book constructed from an analysis of all GCSE Physics syllabuses including IGCSE, CXC, and O'Level · Sets the traditional principles of physics in a modern and global perspective and uses illustrations with a worldwide context · Extra topics to give a truly rounded curriculum · Double-page spread format · Ideal for those students intending to take physics to a more advanced level

Cambridge IGCSE® and O Level Complete Physics: Workbook Fourth Edition Cambridge University Press

Archaeological chemistry is a subject of great importance to the study and methodology of archaeology. This comprehensive text covers the subject with a full range of case studies, materials, and research methods. With twenty years of experience teaching the subject, the authors offer straightforward coverage of archaeological chemistry, a subject that can be intimidating for many archaeologists who do not already have a background in the hard sciences. With clear explanations and informative illustrations, the authors have created a highly approachable text, which will help

readers overcome that intimidation. Topics covered included: Materials (rock, pottery, bone, charcoal, soils, metals, and others), Instruments (microscopes, NAA, spectrometers, mass spectrometers, GC/MS, XRF & XRD, Case Studies (Provenience, Sediments, Diet Reconstruction, Past Human Movement, Organic Residues). The detailed coverage and clear language will make this useful as an introduction to the study of archaeological chemistry, as well as a useful resource for years after that introduction.

Advanced Physics Through Diagrams Oxford University Press - Children

Fully updated and matched to the Cambridge syllabus, this stretching Student Book is trusted by teachers around the world to support advanced understanding and achievement at IGCSE. The popular, stretching approach will help students to reach their full potential. Written by an experienced author, Stephen Pople, this updated edition is full of engaging content with up-to-date examples to cover all aspects of the Cambridge syllabus. The step-by-step approach will lead students through the course in a logical learning order building knowledge and practical skills with regular questions and practical activities. Extension material will stretch the highest ability students and prepare them to take the next step in their learning. Practice exam questions will consolidate student understanding and prepare them for exam success. Each book is accompanied by free online access to a wealth of extra support for students including practice exam questions, revision checklists and advice on how to prepare for

Explaining Physics Springer Science & Business Media

The present volume is concerned with two of the central questions of chemical dynamics. What do we know about the energies of interaction of atoms and molecules with each other and with solid surfaces? How can such interaction energies be used to understand and make quantitative predictions about dynamical processes like scattering, energy transfer, and chemical reactions? It is becoming clearly recognized that the computer is leading to rapid progress in answering these questions. The computer allows probing dynamical mechanisms in fine detail and often allows us to answer questions that cannot be addressed with current experimental techniques. As we enter the 1980's, not only are more powerful and faster computers being used, but techniques and methods have been honed to a state where exciting and reliable data are being generated on a variety of systems at an unprecedented pace. The present volume presents a collection of work that illustrates the capabilities and some of the successes of this kind of computer-assisted research. In a 1978 Chemical Society Report, Frey and Walsh pointed out that "it is extremely doubtful if a calculated energy of activation for any unimolecular decomposition can replace an experimental determination." However they also recorded that they "believe[d] that some of the elaborate calculations being performed at present do suggest that we may be approaching a time when a choice between reaction mechanisms will be helped by such [computational] work.

Complete Physics for Cambridge IGCSE® Oxford University Press - Children

This is a first undergraduate textbook in Solid State Physics or Condensed Matter Physics. While most textbooks on the subject are extremely dry, this book is written to be much more exciting, inspiring, and entertaining.

Cambridge IGCSE® & O Level Complete Physics: Student Book Fourth Edition Cambridge University Press

DT These highly successful revision guides have been brought right up-to-date for the new A Level specifications introduced in September 2000. DT Oxford Revision Guides are highly effective for both individual revision and classroom summary work. The unique visual format makes the key concepts and processes, and the links between them, easier to memorize. DT Students will save valuable revision time by using these notes instead of condensing their own. DT In fact, many students are choosing to buy their own copies so that they can colour code or highlight them as they might do with their own revision notes.

Science to GCSE OUP Oxford

This brand new series provides an accessible, lively, and comprehensive resource for students

aiming for success at Foundation Tier GCSE Double Award Science. It has been written to match all the various specifications introduced in 2001. The Target Science author team includes a Chief Examiner and is led by Stephen Pople, one of the country's most respected and successful science textbook writers. BL Carefully controlled language level throughout BL Special emphasis on design and layout to maximise accessibility BL Frequent opportunities for students to confirm and reinforce their understanding BL Numerous exam-style questions to support students in developing exam technique BL End-of-chapter glossaries of terms BL Revision guidance Target Science offers an authoritative resource for GCSE that is tailor-made for students studying at Foundation Tier.