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KEY=IAL - ALLIE JOHNS

Edexcel Chemistry Letts and Lonsdale Revise for AS & A2 Biology with confidence! Providing complete study support throughout the two A Level years, this Edexcel Chemistry study guide matches the curriculum content and provides in-depth course coverage. Written by experienced AS and A2 examiners this book includes invaluable advice on how to get the best results in the exams. Providing plenty of exam practice and frequent progress checks and questions to consolidate learning, this AS & A2 Edexcel Chemistry study guide contains invaluable advice and preparation for the exam. Extensive coverage of the Edexcel course: * AS & A2 specification checklists to organise your studies * tick boxes to record your progress and plan your revision * in-depth coverage of core AS & A2 topics Also included in this book: * examiner's tips that reveal how to achieve higher marks * exam board labels that allow students to identify content relevant to their course * topics subdivided into short, manageable sections * highlighted key points and terminology, and examiner's hints to offer guidance * progress check questions to test recall and understanding * sample questions and model answers that reveal what examiners are looking for * exam-style questions and answers that provide crucial exam practice

Longman Physics Homework for Edexcel IGCSE Longman Longman Physics Homework for Edexcel IGCSE is an ideal companion to the London Examinations IGCSE specification for Physics Edexcel AS Physics Student Unit Guide New Edition: Unit 1 Physics on the Go Hachette UK Written by a senior examiner, Mike Benn, this Edexcel AS Physics Student Unit Guide is the essential study companion for Unit 1: Physics on the Go. This full-colour book includes all you need to know to prepare for your unit exam: clear guidance on the content of the unit, with topic summaries, knowledge check questions and a quick-reference index examiner's advice throughout, so you will know what to expect in the exam and will be able to demonstrate the skills required exam-style questions, with graded student responses, so you can see clearly what is required to get a better grade

Open Access and the Humanities Contexts, Controversies and the Future Cambridge University Press If you work in a university, you are almost certain to have heard the term 'open access' in the past couple of years. You may also have heard either that it is the utopian answer to all the problems of research dissemination or perhaps that it marks the beginning of an apocalyptic new era of 'pay-to-say' publishing. In this book, Martin Paul Eve sets out the histories, contexts and controversies for open access, specifically in the humanities. Broaching practical elements alongside economic histories, open licensing, monographs and funder policies, this book is a must-read for both those new to ideas about open-access scholarly communications and those with an already keen interest in the latest developments for the humanities. This title is also available as Open Access via Cambridge Books Online.

Physics Briefs Physikalische Berichte Parentology Everything You Wanted to Know about the Science of Raising Children but Were Too Exhausted to Ask Simon and Schuster An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions" (Amy Chua, author of *Battle Hymn of the Tiger Mother*). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In *Parentology*, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him the limits of his profession. *Parentology* teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.

GCSE Geography Edexcel B Oxford University Press - Children A student-friendly and engaging resource for the 2016 Edexcel GCSE Geography B specification, this brand new course is written to match the demands of the specification. As well as providing thorough and rigorous coverage of the spec, this book is designed to engage students in their learning and to motivate them to progress.

Margaret Thatcher on Leadership Lessons for American Conservatives Today Simon and Schuster This inspirational and practical guide for conservatives combines stories from Lady Thatcher's life with principles and strategies conservatives can apply to their challenges today.

Nile Gardiner and Stephen Thompson outline the critical lessons conservatives can learn from Lady Thatcher on articulating conservative principles to a broader audience, cutting through bureaucratic messes to achieve goals, and standing up to aggressive regimes.

Fields and Particles Proceedings of the XXIX Int. Universitätswochen für Kernphysik, Schladming, Austria, March 1990 Springer Science &

Business Media This volume contains the written versions of invited lectures presented at the 29th "Internationale Universitätswochen für Kernphysik" in Schladming, Austria, in March 1990. The generous support of our sponsors, the Austrian Ministry of Science and Research, the Government of Styria, and others, made it possible to invite expert lecturers. In choosing the topics of the course we have tried to select some of the currently most fiercely debated aspects of quantum field theory. It is a pleasure for us to thank all the speakers for their excellent presentations and their efforts in preparing the lecture notes. After the school the lecture notes were revised by the authors and partly rewritten ~n '!EX. We are also indebted to Mrs. Neuhold for the careful typing of those notes which we did not receive in '!EX. Graz, Austria H. Mitter July 1990 W. Schweiger Contents An Introduction to Integrable Models and Conformal Field Theory By H. Grosse (With 6 Figures) 1 1. Introduction 1 1.1 Continuous Integrable Models 1 1.2 "Solvable" Models of Statistical Physics 2 1.3 The Yang-Baxter Relation 3 1.4 Braids and I(nots 3 1.5 Confonnal Field Theory $d = 2$ 3 2. Integrable Continuum Models - The Inverse Scattering Method - Solitons 4 2.1 A General Scheme for Solving (Linear) Problems 4 2.2 The Direct Step 6 2.3 The Inverse Step Physics in Nuclear Medicine *Elsevier Health Sciences* Physics in Nuclear Medicine - by Drs. Simon R. Cherry, James A. Sorenson, and Michael E. Phelps - provides current, comprehensive guidance on the physics underlying modern nuclear medicine and imaging using radioactively labeled tracers. This revised and updated fourth edition features a new full-color layout, as well as the latest information on instrumentation and technology. Stay current on crucial developments in hybrid imaging (PET/CT and SPECT/CT), and small animal imaging, and benefit from the new section on tracer kinetic modeling in neuroreceptor imaging. What's more, you can reinforce your understanding with graphical animations online at www.expertconsult.com, along with the fully searchable text and calculation tools. Master the physics of nuclear medicine with thorough explanations of analytic equations and illustrative graphs to make them accessible. Discover the technologies used in state-of-the-art nuclear medicine imaging systems Fully grasp the process of emission computed tomography with advanced mathematical concepts presented in the appendices. Utilize the extensive data in the day-to-day practice of nuclear medicine practice and research. Tap into the expertise of Dr. Simon Cherry, who contributes his cutting-edge knowledge in nuclear medicine instrumentation. Stay current on the latest developments in nuclear medicine technology and methods New sections to learn about hybrid imaging (PET/CT and SPECT/CT) and small animal imaging. View graphical animations online at www.expertconsult.com, where you can also access the fully searchable text and calculation tools. Get a better view of images and line art and find information more easily thanks to a brand-new, full-color layout. The perfect reference or textbook to comprehensively review physics principles in nuclear medicine. *Medical Imaging Physics John Wiley & Sons* This comprehensive publication covers all aspects of image formation in modern medical imaging modalities, from radiography, fluoroscopy, and computed tomography, to magnetic resonance imaging and ultrasound. It addresses the techniques and instrumentation used in the rapidly changing field of medical imaging. Now in its fourth edition, this text provides the reader with the tools necessary to be comfortable with the physical principles, equipment, and procedures used in diagnostic imaging, as well as appreciate the capabilities and limitations of the technologies. *Introduction to Modern Cryptography CRC Press* Now the most used texbook for introductory cryptography courses in both mathematics and computer science, the Third Edition builds upon previous editions by offering several new sections, topics, and exercises. The authors present the core principles of modern cryptography, with emphasis on formal definitions, rigorous proofs of security. *Edexcel GCSE (9-1) Physics Student Book 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) Physics. *Limit Order Books Cambridge University Press* A limit order book is essentially a file on a computer that contains all orders sent to the market, along with their characteristics such as the sign of the order, price, quantity and a timestamp. The majority of organized electronic markets rely on limit order books to store the list of interests of market participants on their central computer. A limit order book contains all the information available on a specific market and it reflects the way the market moves under the influence of its participants. This book discusses several models of limit order books. It begins by discussing the data to assess their empirical properties, and then moves on to mathematical models in order to reproduce the observed properties. Finally, the book presents a framework for numerical simulations. It also covers important modelling techniques including agent-based modelling, and advanced modelling of limit order books based on Hawkes processes. The book also provides in-depth coverage of simulation techniques and introduces general, flexible, open source library concepts useful to readers studying trading strategies in order-driven markets. *Edexcel IGCSE Physics Student book* "Written specifically for Edexcel's new IGCSE Physics (from 2009) qualification in a clear and engaging style that students will find easy to understand. This book includes a wide range of activities and exercises for self-study, as well as examination style questions and summaries to aid revision."--Publisher's description. *Cambridge International AS and A Level Biology Hodder Education* This title covers the entire syllabus for Cambridge International Examinations' International AS and A Level Biology (9700). It is divided into separate sections for AS and A Level making it ideal for students studying both the AS and the A Level and also those taking the AS examinations at the end of their first year. - Explains difficult concepts using language that is appropriate for students around the world - Provides practice throughout the course with carefully selected past paper questions at the end of each chapter We are working with Cambridge International Examinations to gain endorsement for this title. *Storytelling Organizational Practices Managing in the quantum age Routledge* Once upon a time the practice of storytelling was about collecting interesting stories about the past, and converting them into soundbite pitches. Now it is more about foretelling the ways the future is approaching the present, prompting a re-storying of the past. Storytelling has progressed and is about a diversity of voices, not just one teller of one past; it is how a group or organization of people negotiates the telling of history and the telling of what future is arriving in the present. With the changes in storytelling practices and

theory there is a growing need to look at new and different methodologies. Within this exciting new book, David M. Boje develops new ways to ask questions in interviews and make observations of practice that are about storytelling the future. This, after all, is where management practice concentrates its storytelling, while much of the theory and method work is all about how the past might recur in the future. Storytelling Organizational Practices takes the reader on a journey: from looking at narratives of past experience through looking at living stories of emergence in the present to looking at how the future is arriving in ways that prompts a re-storying of the past. Cambridge IGCSE Geography Collins Educational An investigative approach to Cambridge IGCSE Geography, written in partnership with the Geographical Association. Encourage students to make links between case studies and their own local contexts as well as exploring the core themes and skills of the 0460 syllabus in the context of global case studies and processes. Prepare for exam success with full coverage of the core themes of Paper 1 (Population and Settlement, The Natural Environment, Economic Development and the Use of Resources) as well as the geographical and fieldwork skills elements of Papers 2, 3 and 4. Help students focus on achieving the best grades with excellent exam support for each Paper, with exam-style questions, answers at different levels and accompanying comments. Be confident in the content and approach - this resource is written by highly experienced Geography teachers, consulted edited by a CIE Principal Examiner, and produced in partnership with the UK Geographical Association - the home of best practice in Geography teaching. A Taxonomy for Learning, Teaching, and Assessing A Revision of Bloom's Taxonomy of Educational Objectives Pearson This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12. The Mathematics of Harmony From Euclid to Contemporary Mathematics and Computer Science World Scientific Assisted by Scott Olsen (Central Florida Community College, USA). This volume is a result of the author's four decades of research in the field of Fibonacci numbers and the Golden Section and their applications. It provides a broad introduction to the fascinating and beautiful subject of the OC Mathematics of Harmony, OCO a new interdisciplinary direction of modern science. This direction has its origins in OC The ElementsOCO of Euclid and has many unexpected applications in contemporary mathematics (a new approach to a history of mathematics, the generalized Fibonacci numbers and the generalized golden proportions, the OC goldenOCO algebraic equations, the generalized Binet formulas, Fibonacci and OC goldenOCO matrices), theoretical physics (new hyperbolic models of Nature) and computer science (algorithmic measurement theory, number systems with irrational radices, Fibonacci computers, ternary mirror-symmetrical arithmetic, a new theory of coding and cryptography based on the Fibonacci and OC goldenOCO matrices). The book is intended for a wide audience including mathematics teachers of high schools, students of colleges and universities and scientists in the field of mathematics, theoretical physics and computer science. The book may be used as an advanced textbook by graduate students and even ambitious undergraduates in mathematics and computer science. Sample Chapter(s). Introduction (503k). Chapter 1: The Golden Section (2,459k). Contents: Classical Golden Mean, Fibonacci Numbers, and Platonic Solids: The Golden Section; Fibonacci and Lucas Numbers; Regular Polyhedrons; Mathematics of Harmony: Generalizations of Fibonacci Numbers and the Golden Mean; Hyperbolic Fibonacci and Lucas Functions; Fibonacci and Golden Matrices; Application in Computer Science: Algorithmic Measurement Theory; Fibonacci Computers; Codes of the Golden Proportion; Ternary Mirror-Symmetrical Arithmetic; A New Coding Theory Based on a Matrix Approach. Readership: Researchers, teachers and students in mathematics (especially those interested in the Golden Section and Fibonacci numbers), theoretical physics and computer science." Fundamentals of Mathematical Statistics Sultan Chand & Sons Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the

entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Some prominent additions are given below: 1. Variance of Degenerate Random Variable 2. Approximate Expression for Expectation and Variance 3. Lyapounov's Inequality 4. Holder's Inequality 5. Minkowski's Inequality 6. Double Expectation Rule or Double-E Rule and many others

Nuclear Energy An Introduction to the Concepts, Systems, and Applications of Nuclear Processes *Elsevier* This expanded, revised, and updated fourth edition of Nuclear Energy maintains the tradition of providing clear and comprehensive coverage of all aspects of the subject, with emphasis on the explanation of trends and developments. As in earlier editions, the book is divided into three parts that achieve a natural flow of ideas: Basic Concepts, including the fundamentals of energy, particle interactions, fission, and fusion; Nuclear Systems, including accelerators, isotope separators, detectors, and nuclear reactors; and Nuclear Energy and Man, covering the many applications of radionuclides, radiation, and reactors, along with a discussion of wastes and weapons. A minimum of mathematical background is required, but there is ample opportunity to learn characteristic numbers through the illustrative calculations and the exercises. An updated Solution Manual is available to the instructor. A new feature to aid the student is a set of some 50 Computer Exercises, using a diskette of personal computer programs in BASIC and spreadsheet, supplied by the author at a nominal cost. The book is of principal value as an introduction to nuclear science and technology for early college students, but can be of benefit to science teachers and lecturers, nuclear utility trainees and engineers in other fields.

Virtual Reality Technologies, Medical Applications and Challenges *Nova Science Pub Incorporated* Suppose I am a blind man, and I use a stick. I go tap, tap, tap. Where do I start? Is my mental system bounded at the handle of the stick? Is it bounded by my skin? Does it start halfway up the stick? Does it start at the tip of the stick? (Bateson, 1972:459; Form, Substance and Difference) One of the most amazing capacities of the human mind is its ability to go beyond its boundaries. The well-known example of the blind man by Gregory Bateson helps us understand how our mind is able to expand its potentiality thanks to the use of a tool. This famous example demonstrates two specific features that characterize the relationship between the human mind and the use of tool. From a neuropsychological point of view, the tool is integrated in near space, extending it to the end point of the instrument. From a phenomenological point of view, we are present in the tool because we can use it in an intuitive way to realize our intentions. As Riva and Mantovani suggested, there is also another type of relationship between mind and technology, namely the second-order mediated action. In this case, the subject uses the body to control a distal tool that controls a different one to exert an action upon an external object. An example of a second-order mediated action is what happens with Virtual Reality (VR): I use my body to move an avatar (a distal tool) to exert an action upon an external object (a virtual environment). On one side, the outcome of this process further extends the space of action. From an experiential viewpoint, when interacting in a virtual space, we are also present in the distal virtual environment. On these theoretical bases, it is clear what makes VR development distinctively important is that it represents more than a simple technology in different domains of human society. In recent years, the field of VR has grown immensely. Practical applications for the use of this advanced technology encompasses many fields, from personnel training supported by interactive 3D images in industrial centers, to the use of interactive virtual environments for marketing purposes. One of the newest fields to benefit from the advances in VR technology is medicine and healthcare. Impressive advances in technology, coupled with a reduction in the economic costs have supported the development of more usable, useful, and accessible VR systems that can uniquely target a range of physical, psychological, and cognitive clinical targets and research questions. The aim of the book **Virtual Reality-Technologies, Medical Applications, and Challenges** is twofold: (1) to provide a critical overview of the most interesting medical applications of VR technologies and (2) to reflect on the future challenges in this growing field.

IGCSE Chemistry *Hodder Murray* This highly respected and valued textbook has been the book of choice for Cambridge IGCSE students since its publication. This new edition, complete with CD-ROM, continues to provide comprehensive, up-to-date coverage of the core and extended curriculum topics specified in the IGCSE Chemistry syllabus. The book is supported by a CD-ROM containing extensive revision and exam practice questions, background information and reference material.

Excursions into Mathematics The Millennium Edition *CRC Press* Since it was first published three decades ago, **Excursions Into Mathematics** has been one of the most popular mathematical books written for a general audience. Taking the reader for short "excursions" into several specific disciplines of mathematics, it makes mathematical concepts accessible to a wide audience. The Millennium Edition is updated with current research and new solutions to outstanding problems that have been discovered since the last edition was printed, such as the solution to the well-known "four-color problem." **Excursions Into Mathematics: The Millennium Edition** is an exciting revision of the original, much-loved classic. Everyone with an interest in mathematics should read this book.

Nuclear Medicine Physics A Handbook for Teachers and Students This publication provides the basis for the education of medical physicists initiating their university studies in the field of nuclear medicine. The handbook includes 20 chapters and covers topics relevant to nuclear medicine physics, including basic physics for nuclear medicine, radionuclide production, imaging and non-imaging detectors, quantitative nuclear medicine, internal dosimetry in clinical practice and radionuclide therapy. It provides, in the form of a syllabus, a comprehensive overview of the basic medical physics knowledge required for the practice of medical physics in modern nuclear medicine.

Exploring Implicit Cognition: Learning, Memory, and Social Cognitive Processes *IGI Global* While widely studied, the capacity of the human mind remains largely unexplored. As such, researchers are continually seeking ways to understand the brain, its function, and its impact on human behavior. **Exploring Implicit Cognition: Learning, Memory, and Social Cognitive Processes** explores research surrounding the ways in which an individual's unconscious is able to influence and impact that person's behavior without their awareness. Focusing on

topics pertaining to social cognition and the unconscious process, this title is ideal for use by students, researchers, psychologists, and academicians interested in the latest insights into implicit cognition. **Edexcel GCSE (9-1) Business, Second Edition** *Hachette UK Exam Board: Edexcel Level: GCSE Subject: Business First Teaching: September 2017 First Exam: June 2019* Endorsed for Edexcel Let Ian Marcouse successfully steer you through the new specification with his proven and popular approach to Business; clear content coverage is enhanced by numerous real-life examples to create a course that engages, motivates and develops every student. - Breaks down the content of the 2017 specification into clear, accessible explanations of important concepts and theories - Helps students apply their knowledge to a range of real business examples, issues and contexts, supported by 'Talking Points' that encourage critical and commercial thinking - Improves quantitative, investigative, analytical and evaluation skills through end-of-chapter exercises - Builds students' confidence approaching their exams as they practise calculation, short answer and extended-writing questions with stimulus materials - Boosts students' vocabulary and supports revision with definitions of key terminology for each topic

Semiconductor Physics and Devices Basic Principles This text aims to provide the fundamentals necessary to understand semiconductor device characteristics, operations and limitations. Quantum mechanics and quantum theory are explored, and this background helps give students a deeper understanding of the essentials of physics and semiconductors. **Edexcel Igcse Mathematics B** *Pearson Education* Providing complete coverage of the 2009 Edexcel IGCSE mathematics specification, this engaging book makes the information accessible for every student. It contains exam practice throughout, with revision questions and practice exam questions. **Core Mathematics** *Heinemann* Updated for the 2004 specification, these new Core books are in full colour to ease the transition from GCSE to A Level. Tailor-made for the new specification and written by members of an experienced Senior Examining Team, you can be sure they provide everything students need to succeed. **What Video Games Have to Teach Us About Learning and Literacy. Second Edition Revised and Updated Edition** *Macmillan* Argues that video games go beyond entertainment and examines the principles that make these games valuable tools of learning and literacy. **Handbook of Research on Science Education** *Routledge* This state-of-the art research Handbook provides a comprehensive, coherent, current synthesis of the empirical and theoretical research concerning teaching and learning in science and lays down a foundation upon which future research can be built. The contributors, all leading experts in their research areas, represent the international and gender diversity that exists in the science education research community. As a whole, the Handbook of Research on Science Education demonstrates that science education is alive and well and illustrates its vitality. It is an essential resource for the entire science education community, including veteran and emerging researchers, university faculty, graduate students, practitioners in the schools, and science education professionals outside of universities. The National Association for Research in Science Teaching (NARST) endorses the Handbook of Research on Science Education as an important and valuable synthesis of the current knowledge in the field of science education by leading individuals in the field. For more information on NARST, please visit: <http://www.narst.org/>. **Clinical Practice Guidelines For Chronic Kidney Disease New 2015 A-Level Biology for AQA: Year 1 & AS Student Book with Online Edition** *Cambridge IGCSE® & O Level Complete Physics: Student Book Fourth Edition* *Oxford University Press - Children* **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. **Edexcel International GCSE (9-1) Biology Student Book (Edexcel International GCSE (9-1))** *HarperCollins UK Exam Board: Edexcel Level & Subject: International GCSE Biology and Double Award Science First teaching: September 2017 First exams: June 2019* **Introducing Volcanology A Guide to Hot Rocks** *Dunedin Academic PressLtd* Explains what volcanoes are and how rocks melt, discussing the types and scales of eruptions and why they occur, the effects on the Earth's climate, and notable eruptions in history and their effects. **Principles of Electric Machines and Power Electronics Gcse Media Studies Revision Guide** *Coordination Group Publication* Provides revision notes on the key topic areas with many examples. Written in CGP style, this work has an odd bit of fun thrown in to keep concentration levels up.