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Electromagnets in Action [Barrons Juveniles](#) Provides step-by-step instructions for making projects using electromagnets, including a bell, a buzzer, an alarm, and a telegraph **Space and Man Basic Seismic Refraction Survey and Data Interpretation Techniques (Penerbit USM)** [Penerbit USM](#) Basic Seismic Refraction Survey and Data Interpretation Techniques This book is written to impart knowledge on seismic refraction method, which covers data acquisition, processing and interpretation techniques. The discussion in this book is about seismic waves and their characteristics, theory of seismic refraction and field procedures. Examples of seismic refraction data and simple calculation are also provided to enable readers to better visualize and aid their understanding on the seismic refraction method. Rosli Saad is currently a lecturer at School of Physics, Universiti Sains Malaysia, Pulau Pinang with 30 years of experience in geophysics. His expertises is in the areas of Ground Penetrating Radar (GPR), gravity, magnetic, seismic and electrical methods. His main research is in engineering and environmental studies. He has published three research book chapters, four research books and more than 250 journal papers. Recently, he was appointed as head of geophysics section at the Centre of Tropical Geoengineering (GEOTROPIK), Universiti Teknologi Malaysia. **Advanced Physics For You** [Oxford University Press - Children](#) From the same author as the popular first edition, the second edition of this trusted, accessible textbook is now accessible online, anytime, anywhere on Kerboodle. It breaks down content into manageable chunks to help students with the transition from GCSE to A Level study, and has been fully revised and updated for the new A Level specifications for first teaching September 2015. This online textbook provides plenty of examples and practice questions for consolidation of learning, with 'Biology at Work', 'Key Skills in Biology' and 'Study Skills' sections giving many applications of biology throughout. Suitable for AQA, OCR, WJEC and Edexcel. **PISA Under Examination** [Springer Science & Business Media](#) From the 23rd to 26th of November 2009 in La Palma island, in the Canaries, the Comparative Education Society in Europe (CESE) organized an international symposium entitled PISA under Examination: Changing Knowledge, Changing Tests, and Changing Schools. During four days seventeen leading scholars of Europe and America presented their contributions to debate the different problematiques of the remarkable phenomenon represented by the OECD Programme for International Student Assessment or PISA. PISA is not merely an educational event. It is also a media circus which involves the public rehearsal for reasons for failure or success; and even, in some cases, public and political and academic explanations about why 'failure' was not really that, and why 'success' was not really that either. At the centre of all these indications, we find the growing influence of international agencies on education and schooling which is decisively contributing to a marketisation of the field of education, in the context of an increasingly multilevel and fragmented arena for educational governance based on the formulation, the regulation and the transnational coordination and convergence of policies, buttressed at the same time by the diffusion of persuasive discursive practice. Organized in four sections entitled The Comparative Challenges of the OCDE PISA Programme, PISA and School Knowledge, The Assessment of PISA, School Effectiveness and the Socio-cultural Dimension, PISA and the Immigrant Student Question, and Extreme Visions of PISA: Germany and Finland, the contributions of this book offers a comprehensive approach of all these challenging and significant issues written from different and distinct research and academic traditions. **The Tudors - England, 1485-1603** [Oxford University Press, USA](#) Retaining well-loved features, this book covers in breadth issues of change, continuity, and cause and consequence in this period of English history through key questions such as how effectively did the Tudors develop the powers of the monarchy, and how did English society and economy change. **Argumentation in Science Education Perspectives from Classroom-Based Research** [Springer Science & Business Media](#) Educational researchers are bound to see this as a timely work. It brings together the work of leading experts in argumentation in science education. It presents research combining theoretical and empirical perspectives relevant for secondary science classrooms. Since the 1990s, argumentation studies have increased at a rapid pace, from stray papers to a wealth of research exploring ever more sophisticated issues. It is this fact that makes this volume so crucial. **Physics** [Bloomsbury Publishing](#) Assuming no prior knowledge, this established textbook provides a complete course in physics for beginners and includes coverage on seven core areas of physics, including mechanics, materials, waves and electricity. Readers will develop a solid understanding of topics such as fields, electromagnetism, electronics, atomic and nuclear physics and thermodynamics, and are encouraged to engage with the text through exercises and revision questions. Illustrations are used extensively to complement theoretical explanations and help readers understand the fundamentals of physics. This book is

aimed at students on access or foundation programmes in physics, but is also ideal for non-specialist students on degree courses such as biological sciences, chemical sciences, engineering, mathematics and geology, for whom physics is a subsidiary subject. It is also suitable for trainee science teachers and medical students who need to develop a solid background in physics. New to this Edition: - Brand-new unit on Rotational Dynamics - Attractive new layout and design, with more illustrations and use of colour - Expanded companion website with case studies on applications of physics, resources to develop essential mathematical skills, practical experiments and much more 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. Grandad Mandela [Lincoln Children's Books](#) "...profoundly moving..." -Publishers Weekly Nelson Mandela's two great-grandchildren ask their grandmother, Mandela's youngest daughter, 15 questions about their grandad - the global icon of peace and forgiveness who spent 27 years in prison. They learn that he was a freedom fighter who put down his weapons for the sake of peace, and who then became the President of South Africa and a Nobel Peace Prize-winner, and realise that they can continue his legacy in the world today. Seen through a child's perspective, and authored jointly by Nelson Mandela's great-grandchildren and daughter, this amazing story is told as never before to celebrate what would have been Nelson's Mandela 100th birthday. The Language of Measurement Terminology Used in School Science Investigations The aim of this booklet is to enable teachers, publishers, awarding bodies and others to achieve a common understanding of important terms that arise from practical work in secondary science, consistent with the terminology used by professional scientists. This vocabulary underpins all empirical science and so is applicable not only to school science experiments but also to evaluating aspects of scientific claims made in the public domain. Radio Frequency and Microwave Electronics Illustrated [Prentice Hall](#) Foreword by Dr. Asad Madni, C. Eng., Fellow IEEE, Fellow IEE Learn the fundamentals of RF and microwave electronics visually, using many thoroughly tested, practical examples RF and microwave technology are essential throughout industry and to a world of new applications-in wireless communications, in Direct Broadcast TV, in Global Positioning System (GPS), in healthcare, medical and many other sciences. Whether you're seeking to strengthen your skills or enter the field for the first time, Radio Frequency and Microwave Electronics Illustrated is the fastest way to master every key measurement, electronic, and design principle you need to be effective. Dr. Matthew Radmanesh uses easy mathematics and a highly graphical approach with scores of examples to bring about a total comprehension of the subject. Along the way, he clearly introduces everything from wave propagation to impedance matching in transmission line circuits, microwave linear amplifiers to hard-core nonlinear active circuit design in Microwave Integrated Circuits (MICs). Coverage includes: A scientific framework for learning RF and microwaves easily and effectively Fundamental RF and microwave concepts and their applications The characterization of two-port networks at RF and microwaves using S-parameters Use of the Smith Chart to simplify analysis of complex design problems Key design considerations for microwave amplifiers: stability, gain, and noise Workable considerations in the design of practical active circuits: amplifiers, oscillators, frequency converters, control circuits RF and Microwave Integrated Circuits (MICs) Novel use of "live math" in circuit analysis and design Dr. Radmanesh has drawn upon his many years of practical experience in the microwave industry and educational arena to introduce an exceptionally wide range of practical concepts and design methodology and techniques in the most comprehensible fashion. Applications include small-signal, narrow-band, low noise, broadband and multistage transistor amplifiers; large signal/high power amplifiers; microwave transistor oscillators, negative-resistance circuits, microwave mixers, rectifiers and detectors, switches, phase shifters and attenuators. The book is intended to provide a workable knowledge and intuitive understanding of RF and microwave electronic circuit design. Radio Frequency and Microwave Electronics Illustrated includes a comprehensive glossary, plus appendices covering key symbols, physical constants, mathematical identities/formulas, classical laws of electricity and magnetism, Computer-Aided-Design (CAD) examples and more. About the Web Site The accompanying web site has an "E-Book" containing actual design examples and methodology from the text, in Microsoft Excel environment, where files can easily be manipulated with fresh data for a new design. The Book of L [Springer Science & Business Media](#) This book is dedicated to Aristid Lindenmayer on the occasion of his 60th birthday on November 17, 1985. Contributions range from mathematics and theoretical computer science to biology. Aristid Lindenmayer introduced language-theoretic models for developmental biology in 1968. Since then the models have been customarily referred to as L systems. Lindenmayer's invention turned out to be one of the most beautiful examples of interdisciplinary science: work in one area (developmental biology) induces most fruitful ideas in other areas (theory of formal languages and automata, and formal power series). As evident from the articles and references in this book, the interest in L systems is continuously growing. For newcomers the first contact with L systems usually happens via the most basic class of L systems, namely, DOL systems. Here "0" stands for zero context between developing cells. It has been a major typographical problem that printers are unable to distinguish between 0 (zero) and 0 (oh). Thus, DOL was almost always printed with "oh" rather than "zero", and also pronounced that way. However, this misunderstanding turned out to be very fortunate. The wrong spelling "DOL" of "DOL" could be read in the suggestive way: DO L Indeed, hundreds of researchers have followed this suggestion. Some of them appear as contributors to this book. Of the many who could not contribute, we in particular regret the absence of A. Ehrenfeucht, G. Herman and H.A. Maurer whose influence in the theory of L systems has been most significant. AmGov Long Story Short [CQ Press](#) All the fundamentals. No fluff. Learn more with less! A truly revolutionary American Government textbook, Christine Barbour's AmGov: Long Story Short, responds to the needs of today's students and instructors through brevity and accessibility. The succinct ten chapters are separated by tabs that make it easy to skim, flip, revisit, reorient, and return to

content quickly. Reading aids like bullets, annotations and arrows walk students through important facts and break up the material in short, engaging bites of information that highlight not only what is important but why it's important. Though brief, this core book is still robust enough to provide everything that students need to be successful in their American Government course. Whether for the on-the-go student who doesn't have time to read and digest a lengthy chapter, or the instructor who wants a book that will stay out of their way and leave room for plenty of supplementary reading and activities, AmGov provides a perfectly simplified foundation for a successful American Government course.

Making it tangible. Learning outcomes in science education [Waxmann Verlag](#) One of the central features in current educational reforms is a focus on learning outcomes. Many countries have established or revised standards to describe what teachers are supposed to teach and students are expected to learn. More recently, the emphasis has shifted to considerations of how standards can be operationalized in order to make the outcomes of educational efforts more tangible. This book is the result of a symposium held in Kiel, that was arranged by two science education groups, one at the IPN (Leibniz-Institute for Science and Mathematics Education at the University of Kiel) in Germany and the other at the University of York, UK. The seminar brought together renowned experts from 12 countries with different notions of the nature and quality of learning outcomes. The aim was to clarify central conceptions and approaches for a better understanding among the international science education community. The book is divided into five parts. In Part A, the organizers set the scene, describing the rationale for arranging the symposium. Part B provides a broad overview about different approaches, challenges, and pitfalls on the road to the clarification of meaningful and fruitful learning outcomes. The set of papers in Part C provides deep insights into different, although comparable approaches which aim to frame, to assess, and to promote learning and learning outcomes in science education. Smaller projects are presented as well as broad, coordinated national programs. The papers in Part D outline the individual historical development from different national perspectives, reflecting the deficits and problems that led to current reforms. Finally, a summary of the organizers analyses the conclusions from different vantage points.

Korean A Comprehensive Grammar [Routledge](#) Korean: A Comprehensive Grammar is a reference to Korean grammar, and presents a thorough overview of the language, concentrating on the real patterns of use in modern Korean. The book moves from the alphabet and pronunciation through morphology and word classes to a detailed analysis of sentence structures and semantic features such as aspect, tense, speech styles and negation. Updated and revised, this new edition includes lively descriptions of Korean grammar, taking into account the latest research in Korean linguistics. More lower-frequency grammar patterns have been added, and extra examples have been included throughout the text. The unrivalled depth and range of this updated edition of Korean: A Comprehensive Grammar makes it an essential reference source on the Korean language.

Practical Work in School Science Which Way Now? [Routledge](#) Practical work has been part of science education for just over 100 years and is accepted as an essential and exciting part of understanding this discipline. Although it can be costly and sometimes messy, it simply has to be done if students and teachers are to progress in their understanding. Schools and universities invest millions of pounds in it and the National Curriculum reveres it - but what exactly is going on in classrooms around the country and how are the leading practitioners moving with the times? This book attempts to reflect on the value and purpose of practical work as part of the scientific curriculum. Why are practical exercises so necessary and what do they contribute to the learning process? The chapters examine many issues such as: * how practical work is perceived by students and teachers * whether we will move on to the 'virtual lab' * the limitations of current 'hands-on' work and valuable alternatives to it * the connections between practical work in science education and 'authentic' science * what role experimentation plays in current educational practice. Jerry Wellington is Reader in Education at Sheffield University, and has taught science at all academic levels.

Drama through the Ages [Bramblekids Limited](#) The Living Arts Library is specially designed to stimulate children's interest and imagination in all aspects of the international arts. The activity-based approach encourages readers to try for themselves a variety of skills and techniques.

Maths Skills for Biology a Level This handbook specifically targets the mathematical elements of A Level Science, whichever specification you're following. Includes plenty of practice questions in different contexts to increase confidence, worked examples and model answers for revision and exam preparation. Plus hints and tips for the exam and how to avoid common errors made in mathematical science questions.

Sick [Abrams](#) Brian and his friends are not part of the cool crowd. They're the misfits and the troublemakers—the ones who jump their high school's fence to skip class regularly. So when a deadly virus breaks out, they're the only ones with a chance of surviving. The virus turns Brian's classmates and teachers into bloodthirsty attackers who don't die easily. The whole school goes on lockdown, but Brian and his best friend, Chad, are safe (and stuck) in the theater department—far from Brian's sister, Kenzie, and his ex-girlfriend with a panic attack problem, Laura. Brian and Chad, along with some of the theater kids Brian had never given the time of day before, decide to find the girls and bring them to the safety of the theater. But it won't be easy, and it will test everything they thought they knew about themselves and their classmates. Praise for SICK "The gore and action will leave enthralled readers thrilled and then sated with each kill on either side." —Booklist "Between the pacing and the heroes' salty, blue language (full of lovingly creative, genital-inspired insults), reluctant readers who love zombies will devour it, right up to the abrupt end." —Kirkus Reviews "Sick is well written, with great detail, even if it is a little gory." —VOYA Magazine Awards 2014 Quick Picks for Reluctant Young Readers list from YALSA

The Challenge of Psychology [Prentice Hall](#)

Holt Physics [HARCOURT EDUCATION COMPANY](#)

Linguistic and Cultural Interactions between Greece and Anatolia In Search of the Golden Fleece [BRILL](#)

30-Second Brain The 50 most mind-blowing ideas in neuroscience, each explained in half a minute [Icon Books Ltd](#) Are we all at the mercy of our brain chemistry? Do you think that the amygdala and the hippocampus are fantastical sea monsters? What can an MRI scan tell us? Could you explain to dinner-party guests why we don't giggle when we tickle ourselves? 30-Second Brain is here to fill your

mind with the science of exactly what's happening inside your head. Using no more than two pages, 300 words and an illustration, this is the quickest way to understand the wiring and function of the most complex and intricate mechanism in the human body. Discover how the networks of 90 billion nerve cells work together to produce perception, action, cognition and emotion. Explore how your brain defines your personality, and what it gets up to while you are asleep. Illustrated with mind-bending graphics and supported by biographies of pioneers in the field of neuroscience, it's the book to get your grey matter thinking about your grey matter. **Quaker Writings An Anthology, 1650-1920** [Penguin](#) An illuminating collection of work by members of the Religious Society of Friends. Covering nearly three centuries of religious development, this comprehensive anthology brings together writings from prominent Friends that illustrate the development of Quakerism, show the nature of Quaker spiritual life, discuss Quaker contributions to European and American civilization, and introduce the diverse community of Friends, some of whom are little remembered even among Quakers today. It gives a balanced overview of Quaker history, spanning the globe from its origins to missionary work, and explores daily life, beliefs, perspectives, movements within the community, and activism throughout the world. It is an exceptional contribution to contemporary understanding of religious thought. For more than seventy years, Penguin has been the leading publisher of classic literature in the English-speaking world. With more than 1,700 titles, Penguin Classics represents a global bookshelf of the best works throughout history and across genres and disciplines. Readers trust the series to provide authoritative texts enhanced by introductions and notes by distinguished scholars and contemporary authors, as well as up-to-date translations by award-winning translators. **The Arabic Materia Medica of Dioscorides** [St-Jean-Chrysostome, Québec : Éditions du Sphinx](#) **Ugly Ronney** Ronney is an introverted young woman with a disgraceful appearance. She lives humbly in one of the poorest neighborhoods of Sheryl Valley, a town corrupted by the mafia in Southern California. With no diploma, she works hard in her parents' restaurant and provides voice-overs for children's animated movies during the weekend. In accordance with a long-standing family tradition, Ronney's twenty-fifth birthday celebration comes with a dare from her cousins: she must knock on the front door of the infamous Khan household. The Khans' reputation precedes them, rumored to be in association with the mafia. But when Ronney knocks on the door, before she has the chance to run, the Khan family matriarch, Camilia, takes an interest in Ronney. Ronney's lack of conventional beauty and disinterest in fashion draws Camilia in, leading her to offer Ronney the position of personal assistant to her eldest son, Yeraz, with a substantial salary at stake. It's an offer Ronney cannot refuse. To keep her job, Ronney's task is simple: do not fall in love with Yeraz. "Easy," she thinks. But what if destiny decides otherwise? **Ugly Ronney** is a romance in which the heroes enter the gallery of legendary lovers. **The Geology of Jordan Bibliography** **Cracking the Code 3 Science and Medicine in Islam A Collection of Essays** [Variorum Publishing](#) The achievements of medieval Muslim scholars in the fields of philosophy, science and medicine are now well recognized, and Franz Rosenthal's work has been instrumental in helping us to understand these. In this third collection of his articles, he demonstrates the information to be gained from tracing the Greek roots of the science and medicine of the Islamic world in the Middle Ages. Of particular concern here are the Hellenistic or late Hellenistic authors such as Galen, Hippocrates or Ptolemy. These articles show how Muslim writers have preserved much that has been lost in the Greek and played a vital part in ensuring the continuity of the classical tradition, and examine some of the specific ways in which they reacted to and developed it. **Master the SSAT** [Peterson Nelnet Company](#) **Peterson's® Master the(tm) SSAT®** is the guide for preparing students and their parents for the SSAT® exam. Complete with the most up-to-date information on the upper-level exam, this guide is vitally important to anyone preparing for private secondary school admissions testing. Students have access to test-taking strategies for each of the question types, along with specific advice for exam day. Four practice tests, plus a diagnostic test, provide students with a realistic idea of what to expect when the test date arrives. In addition, students and parents both benefit from expert tips on all aspects of the private secondary school search process: how to identify schools that are a good fit, how to apply for financial aid, and all of the other challenges of finding the right private secondary school. **4 full-length practice tests with detailed answer explanations** **Diagnostic test to determine strengths and weaknesses** **Complete review of all exam subjects: Verbal Ability, Quantitative Ability, Reading Comprehension, and Writing** **Expert advice on SSAT® exam question formats, scoring, and what to expect on test day** **Alphabatz Graffiti Alphabets from A to Z** [Promopress](#) Graffiti writing was born in the streets of Philadelphia in the late 1960s. But it was in New York in the early 1970s that it became a full-fledged urban art, gradually taking over the landscape of the city, from its walls to its subway cars. This is a writing manual, a detailed examination of how graffiti writers have developed the twenty-six letters of the alphabet. It includes the contribution of ten of the international scene's most talented creators answer **Woshe's** questions about matters that include their practice, their relationship with letters and their backgrounds. It includes a map of New York with the sites where the most important graffiti are located. **Ben 10 Annual 2013** [Egmont Childrens Books](#) **The Omnitrix** has been replaced by the even more powerful **Ultimatrix** and **Ben's** a little bit older now - but he's still turning alien to destroy villains and help keep the good folks in the galaxy safe from harm! It's a tall order, so **Ben's** really glad that he still has **Gwen** and **Kevin** (and their amazing powers) by his side. And **Ben** now has newer and even more **AWESOME** aliens than ever! So come and be reunited with some old friends and foes - and meet some new ones, too! Check out the alien facts, brain-busting puzzles and the epic comic strip. **Estimating Market Value and Establishing Market Rent at Small Airports** "Staff from smaller airports typically lack specialized expertise in the negotiation and development of airport property or the resources to hire consultants. **ACRP Research Report 213** provides airport management, policymakers, and staff a resource for developing and leasing airport land and improvements, methodologies for determining market value and appropriate rents, and best practices for negotiating and re-evaluating current lease agreements. There are many factors that can go into the analysis, and this report reviews best practices in property development."--Foreword. **College Physics (With**

Physicsnow) (Freedom LI Version) [Brooks/Cole Publishing Company](#) This is the Loose-leaf version offered through the Alternative Select - Freedom Titles program. Please contact your Custom Editor to order and for additional details.