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FF8Q73 - CLARA BRAY

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

"This book provides insights into initiatives that enhance student learning and contribute to improving the quality of undergraduate STEM education"--Provided by publisher.

What does pleasure have to do with morality? What role, if any, should intuition have in the formation of moral theory? If something is 'simulated', can it be immoral? This accessible and wide-ranging textbook explores these questions and many more. Key ideas in the fields of normative ethics, metaethics and applied ethics are explained rigorously and systematically, with a vivid writing style that enlivens the topics with energy and wit. Individual theories are discussed in detail in the first part of the book, before these positions are applied to a wide range of contemporary situations including business ethics, sexual ethics, and the acceptability of eating animals. A wealth of real-life examples, set out with depth and care, illuminate the complexities of different ethical approaches while conveying their modern-day relevance. This concise and highly engaging resource is tailored to the Ethics components of AQA Philosophy and OCR Religious Studies, with a clear and practical layout that includes end-of-chapter summaries, key terms, and common mistakes to avoid. It should also be of practical use for those teaching Philosophy as part of the International Baccalaureate. Ethics for A-Level is of particular value to students and teachers, but Fisher and Dimmock's precise and scholarly approach will appeal to anyone seeking a rigorous and lively introduction to the challenging subject of ethics. Tailored to the Ethics components of AQA Philosophy and OCR Religious Studies.

This report reviews engineering's importance to human, economic, social and cultural development and in addressing the UN Millennium Development Goals. Engineering tends to be viewed as a national issue, but engineering knowledge, companies, conferences and journals, all demonstrate that it is as international as science. The report reviews the role of engineering in development, and covers issues including poverty reduction, sustainable development, climate change mitigation and adaptation. It presents the various fields of engineering around the world and is intended to identify issues and challenges facing engineering, promote better understanding of engineering and its role, and highlight ways of making engineering more attractive to young people, especially women.--Publisher's description.

Education for Sustainable Development (ESD) is globally acknowledged as a powerful driver of change, empowering learners to make decisions and take actions needed to build a just and economically viable society respect ful of both the environment and cultural diversity.

International Financial Management provides a strong foundation for students' first encounter with the subject of international finance. As multinational corporations (MNCs) continue to expand

their operations globally they must not only be properly managed to apply their comparative advantages in foreign countries, but must also manage their exposure to many forms and sources of risk. Those MNCs that are most capable of responding to changes in the international financial environment will be rewarded. The same can be said for today's students who become the MNC managers of the future. International Financial Management combines a strong foundation in international finance theory with current, practical applications. It provides thorough, up-to-date treatment of cutting-edge international finance issues along with traditional treatment of international financial management. This book, although it presumes an understanding of basic corporate finance, is renowned for its readability and clear explanation as well as its extensive use of hands-on, real-world applications and student-oriented pedagogy. It is suitable for both final-year undergraduate and master's level courses. The European edition replaces the majority of US examples in the text and questions with alternative UK and European examples. The default currency quoted in general examples is now Sterling or the euro rather than the US dollar. More-advanced topics have been added to extend the discussion, as well as specifically European issues such as the euro, European financial integration and the history of exchange rates.

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

Regarded as one of the most influential management books of all time, this fourth edition of Leadership and Organizational Culture transforms the abstract concept of culture into a tool that can be

used to better shape the dynamics of organization and change. This updated edition focuses on today's business realities. Edgar Schein draws on a wide range of contemporary research to redefine culture and demonstrate the crucial role leaders play in successfully applying the principles of culture to achieve their organizational goals.

"The book describes the Internet, and how Internet governance prevents it fragmenting into a 'Splinternet'. Four opposing ideologies about how data flows around the network have become prominent because they are (a) implemented by technical standards, and (b) backed by influential geopolitical entities. Each of these specifies an 'Internet', described in relation to its implementation by a specific geopolitical entity. The Four Internets of the title are the Silicon Valley Open Internet, developed by pioneers of the Internet in the 1960s, based on principles of openness and efficient dataflow; the Brussels Bourgeois Internet, exemplified by the European Union with a focus on human rights and legal administration; the DC Commercial Internet, exemplified by the Washington establishment and its focus on property rights and market solutions; and the Beijing Paternal Internet, exemplified by the Chinese government's control of Internet content. These Internets have to coexist if the Internet as a whole is to remain connected. The book also considers the weaponization of the hacking ethic as the Moscow Spoiler model, exemplified by Russia's campaigns of misinformation at scale; this is not a vision of the Internet, but is parasitic on the others. Each of these ideologies is illustrated by a specific policy question. Potential future directions of Internet development are considered, including the policy directions that India might take, and the development of technologies such as artificial intelligence, smart cities, the Internet of Things, and social machines. A conclusion speculates on potential future Internets that may emerge alongside those described"--

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Peter Norton's Internet Using Microsoft Internet Explorer 5.5 is a stand-alone tutorial that features a strong instructional design. Small blocks of concepts followed by hands on activities and numerous full-screen illustrations result in clear-cut, easy-to-read and follow tutorials making learning easy for students!

This is the second, greatly expanded edition of one of the world's most successful books on negotiation. 'Getting to Yes' offers powerful principles to guide readers to success in the art of negotiation.

Reviews use of Federal contracts and grants, especially by DOD, to support social science and behavioral research projects abroad and its implications on foreign relations and the academic and research communities. Focuses on alternative methods of conducting research abroad without compromising research efforts.

This antiquarian volume contains a comprehensive treatise on democracy and education, being an introduction to the 'philosophy of education'. Written in clear, concise language and full of interesting expositions and thought-provoking assertions, this volume will appeal to those with an interest in the role of education in society, and it would make for a great addition to collections of allied literature. The chapters of this book include: 'Education as a Necessity of Life'; 'Education as a Social Function'; 'Education as Direction'; 'Education as Growth'; 'Preparation, Unfolding, and Formal Discipline'; 'Education as Conservative and Progressive'; 'The Democratic Conception in Education'; 'Aims in Education', etcetera. We are republishing this vintage book now complete with a new prefatory biography of the author.

The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security. Founded by Manhattan Project Scientists, the Bulletin's iconic "Doomsday Clock" stimulates solutions for a safer world.

This book is the result of the WHO European Working Group on Health Promotion Evaluation which examined the current range of qualitative and quantitative evaluation methods to provide guidance to policy-makers and practitioners. It includes an extensive

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How we raise young children is one of today's most highly personalized and sharply politicized issues, in part because each of us can claim some level of "expertise." The debate has intensified as discoveries about our development-in the womb and in the first months and years-have reached the popular media. How can we use our burgeoning knowledge to assure the well-being of all young children, for their own sake as well as for the sake of our nation? Drawing from new findings, this book presents important conclusions about nature-versus-nurture, the impact of being born into a working family, the effect of politics on programs for children, the costs and benefits of intervention, and other issues. The committee issues a series of challenges to decision makers regarding the quality of child care, issues of racial and ethnic diversity, the integration of children's cognitive and emotional development, and more. Authoritative yet accessible, From Neurons to Neighborhoods presents the evidence about "brain wiring" and how kids learn to speak, think, and regulate their behavior. It examines the effect of the climate-family, child care, community-within which the child grows.

Education is a hot topic. From the stage of presidential debates to tonight's dinner table, it is an issue that most Americans are deeply concerned about. While there are many strategies for improving the educational process, we need a way to find out what works and what doesn't work as well. Educational assessment seeks to determine just how well students are learning and is an integral part of our quest for improved education. The nation is pinning greater expectations on educational assessment than ever before. We look to these assessment tools when documenting whether students and institutions are truly meeting education goals. But we must stop and ask a crucial question: What kind of assessment is most effective? At a time when traditional testing is subject to increasing criticism, research suggests that new, exciting approaches to assessment may be on the horizon. Advances in the sciences of how people learn and how to measure such learning offer the hope of developing new kinds of assessment-s-assessments that help students succeed in school by making as clear as possible the nature of their accomplishments and the progress of their learning. Knowing What Students Know essentially explains how expanding knowledge in the scientific fields of human learning and educational measurement can form the foundations of an improved approach to assessment. These advances suggest ways that the targets of assessment-what students know and how well they know it-as well as the methods used to make inferences about student learning can be made more valid and instructionally useful. Principles for designing and using these new kinds of assessments are presented, and examples are used to illustrate the principles. Implications for policy, practice, and research are also explored. With the promise of a productive research-based approach to assessment of student learning, Knowing What Students Know will be important to education administrators, assessment designers, teachers and teacher educators, and education advocates.

Decades of research have demonstrated that the parent-child dyad and the environment of the familyâ€"which includes all pri-

Parents are at the foundation of children's well-being and healthy development. From birth, children are learning and rely on parents and the other caregivers in their lives to protect and care for them. The impact of parents may never be greater than during the earliest years of life, when a child's brain is rapidly developing and when nearly all of her or his experiences are created and shaped by parents and the family environment. Parents help children build and refine their knowledge and skills, charting a trajectory for their health and well-being during childhood and beyond. The experience of parenting also impacts parents themselves. For instance, parenting can enrich and give focus to parents' lives; generate stress or calm; and create any number of emotions, including feelings of happiness, sadness, fulfillment, and anger. Parenting of young children today takes place in the context of significant ongoing developments. These include: a rapidly growing body of science on early childhood, increases in funding for programs and services for families, changing demographics of the U.S. population, and greater diversity of family structure. Additionally, parenting is increasingly being shaped by technology and increased access to information about parenting. *Parenting Matters* identifies parenting knowledge, attitudes, and practices associated with positive developmental outcomes in children ages 0-8; universal/preventive and targeted strategies used in a variety of settings that have been effective with parents of young children and that support the identified knowledge, attitudes, and practices; and barriers to and facilitators for parents' use of practices that lead to healthy child outcomes as well as their participation in effective programs and services. This report makes recommendations directed at an array of stakeholders, for promoting the wide-scale adoption of effective programs and services for parents and on areas that warrant further research to inform policy and practice. It is meant to serve as a roadmap for the future of parenting policy, research, and practice in the United States.

MATHEMATICAL EXCURSIONS, Third Edition, teaches students that mathematics is a system of knowing and understanding our surroundings. For example, sending information across the Internet is better understood when one understands prime numbers; the perils of radioactive waste take on new meaning when one understands exponential functions; and the efficiency of the flow of traffic through an intersection is more interesting after seeing the system of traffic lights represented in a mathematical form. Students will learn those facets of mathematics that strengthen their quantitative understanding and expand the way they know, perceive, and comprehend their world. We hope you enjoy the journey. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Learn how to improve instruction by * Collecting the right data--the right way. * Incorporating relevant data into everyone's daily life. * Resisting the impulse to set brand-new goals every year. * Never settling for "good enough." * Anticipating changes--big and small, local and federal. * Collaborating and avoiding privatized practice. * Involving all stakeholders in identifying problems, setting goals, and analyzing data. * Agreeing on what constitutes high-quality instruction and feedback. The challenge is to understand that data--not intuition or anecdotal reports--are tools to be used in getting better at teaching students. And teaching students effectively is what schools are all about. Following the guidance in this book, overcome uncertainty and concerns

about data as you learn to collect and analyze both soft and hard data and use their secrets for instructional improvement in your school.

Meet Izzy Gizmo – a fabulously feisty new character from Pip Jones (*Squishy McFluff*; *Daddy's Sandwich*) brought brilliantly to life with exuberant and detailed illustrations from the best-selling illustrator of *The Detective Dog*, Sara Ogilvie. Izzy Gizmo, a girl who LOVED to invent, carried her tool bag wherever she went in case she discovered a thing to be mended, or a gadget to tweak to make it more splendid. Isabelle Gizmo just loves to invent, but her inventions never seem to work the way she wants them to. And that makes her really CROSS! When she finds a crow with a broken wing she just has to help. But will she be able to put her frustrations to one side and help her new friend to fly again? Shortlisted for the Sainsbury's Children's Book Prize 2017, this empowering book is perfect for fans of *Rosie Revere, Engineer*, *Fantastically Great Women Who Changed the World* and *Good Night Stories for Rebel Girls*. 'If you're looking for a new book with a determined, strong female role model then this is for you' *Being a Mummy* blog 'This was such a fun book. We need more books with girl inventors!' *Twirling Book Princess* blog 'This exuberantly riotous story... blends the fun of rhyme with the touching friendship between a charismatic crow and a never-say-die young inventor' *Lancashire Evening Post* 'A lovely story of ingenuity and determination' *Parents in Touch* 'I doubt many will fail to fall for Izzy and her mechanical mind. Pip Jones' rhyming narrative is a cracker to read aloud and Sara Ogilvie's imagination must be almost as fertile as young Izzy's... A real riot.' *Red Reading Hub* blog 'Jones's loping, engaging rhymes and Ogilvie's vivacious images evoke both inspiration and frustration' *The Guardian*

Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. Whether you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also included: sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance through centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets from Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and precision Walk through creating an ML workflow for link prediction combining Neo4j and Spark

The *Congressional Record* is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The *Congressional Record* began publication in 1873. Debates for sessions prior to 1873 are recorded in *The Debates and Proceedings in the Congress of the United States (1789-1824)*, the *Register of Debates in Congress (1824-1837)*, and the *Congressional Globe (1833-1873)*