

Understanding The Digital World What You Need To Know About Computers The Internet Privacy And Security

Understanding Digital Technologies and Young Children explores the possibilities digital technology brings to enhance the learning and developmental needs of young children. Globally, the role of technology is an increasingly important part of everyday life. In many early childhood education frameworks and curricula around the world, there is an expectation that children are developing skills to become effective communicators and are using digital technology to investigate their ideas and represent their thinking. This means that educators throughout the world are expected to actively enhance children ’ s learning in ways that provide learning experiences with technology that are balanced and purposeful to allow the transformation of traditional authentic learning experiences. Digital technologies can be used to explore, manipulate, discover, play and interact with real and imaginative worlds to allow active meaning making. With a wide range of expert contributors, this book provides a comprehensive examination of the current research on technology and young children and the importance of engagement for learning. This approach encourages the reader to rethink the possibilities and potential of digital technologies for learning in the early years, especially in the years before formal schooling when children might be attending early childhood settings. This will be a valuable reference for anyone looking for an international perspective on digital technology and young children, and is particularly aimed at current and future teachers.

A guide to understanding digital research from both a conceptual and practical perspective, helping the reader to make sense of the issues, challenges and opportunities of social science research in the digital age. The book will help the reader to understand how the digital context impacts on social science research and is divided into three main sections: A Justification & Reconceptualization of Digital Research: The authors explore how far the digital environment is transforming social science research. Accessing Digital Data: An outline of the characteristics of digital data, temporality issues in digital research and different data sources. Moving Forward with Digital Research: Examining the practicalities of how to conduct digital research, with examples and suggestions to strengthen the implementation of digital research. Suitable for Masters and Doctoral students undertaking digital or online research methods courses, as well as anyone doing a research project or dissertation with an online component.

New perspectives on the misinformation ecosystem that is the production and circulation of fake news. What is fake news? Is it an item on Breitbart, an article in The Onion, an outright falsehood disseminated via Russian bot, or a catchphrase used by a politician to discredit a story he doesn't like? This book examines the real fake news: the constant flow of purposefully crafted, sensational, emotionally charged, misleading or totally fabricated information that mimics the form of mainstream news. Rather than viewing fake news through a single lens, the book maps the various kinds of misinformation through several different disciplinary perspectives, taking into account the overlapping contexts of politics, technology, and journalism. The contributors consider topics including fake news as “ disorganized ” propaganda; folkloric falsehood in the “ Pizzagate ” conspiracy; native advertising as counterfeit news; the limitations of regulatory reform and technological solutionism; Reddit's enabling of fake news; the psychological mechanisms by which people make sense of information; and the evolution of fake news in America. A section on media hoaxes and satire features an oral history of and an interview with prankster-activists the Yes Men, famous for parodies that reveal hidden truths. Finally, contributors consider possible solutions to the complex problem of fake news—ways to mitigate its spread, to teach students to find factually accurate information, and to go beyond fact-checking. Contributors Mark Andrejevic, Benjamin Burroughs, Nicholas Bowman, Mark Brewin, Elizabeth Cohen, Colin Doty, Dan Faltesek, Johan Farkas, Cherian George, Tarleton Gillespie, Dawn R. Gilpin, Gina Giotta, Theodore Glasser, Amanda Ann Klein, Paul Levinson, Adrienne Massanari, Sophia A. McClennen, Kembrew McLeod, Panagiotis Takis Metaxas, Paul Mihailidis, Benjamin Peters, Whitney Phillips, Victor Pickard, Danielle Polage, Stephanie Ricker Schulte, Leslie-Jean Thornton, Anita Varma, Claire Wardle, Melissa Zimdars, Sheng Zou

An all-in-one guide to understanding and managing the dark side of our digital lives. It all started out so well: the online world began as an effective tool for communication that carried with it a great promise to level the playing field and eliminate borders. But it ’ s morphed into something totally unintended. We ’ ve all had to endure the troll that derails a generally benign conversation; or received that scam email from a wealthy Nigerian prince; or felt the strange feeling of being watched and tracked by advertising companies as we navigate the web. Welcome to the modern internet. These are but a few of the topics that The Dark Side of Our Digital World: And What You Can Do about It examines to get at the root causes of our current problems with information technology, social media, and problematic online behavior. The book explores the issues raised by the negative side of information technology, including surveillance and spying, declining privacy, information overload, surveillance capitalism and big data analytics, conspiracy theories and fake news, misinformation and disinformation, trolling and phishing. What ’ s ultimately at stake is how we are able to cope with increasingly invasive anti-social behaviors, the overall decline of privacy in the face of total surveillance technologies, and the lack of a quality online experience that doesn ’ t devolve into flame wars and insults. The future of the internet as well as our societies depends upon our ability to discern truth from lies and reality from propaganda. The book will therefore also examine the possible directions we could take to improve the situation, looking at solutions in the areas of psychology and behavioral conditioning, social engineering through nudging techniques, the development of e-democracy movements, and the implementation of public policy.

Guidelines for Teaching and Learning Connectivity, Creativity and Rights

Understanding Digital Literacies

What a Well-informed Person Should Know About Computers and Communications

How the Digital Age is Shaping the Printed Word

Understanding Media and Misinformation in the Digital Age

Staying Safe in a Digital World

Off the Network

This guide for students and faculty discusses opportunities and implications of conducting research in a digital environment.

The practices of world politics are now scrutinised in a way that is unprecedented, with even those previously – or conventionally assumed to be – disengaged from international affairs being drawn into world politics by social media. Interactive websites allow users to follow election results in real-time from the other side of the world, and online mapping means that the world ’ out there ’ is now available on your mobile phone. Understanding Popular Culture and World Politics in the Digital Age engages these themes in contemporary world politics, to better understand how digital communication through new media technologies changes our encounters with the world. Whether the focus is digital media, social networking or user-generated content, these sites of political activity and the artefacts they produce have much to tell us about how we engage world politics in the contemporary age. This volume represents the starting point of a dialogue about how digital technologies are beginning to impact the research and practice of scholars and practitioners in the field of International Relations, with the collection of cutting-edge essays dealing specifically with the intertextuality of world politics and digital popular culture. This book will be of use to International Relations research academics (and critically engaged publics) interested in the core themes of global politics – subjectivity, militarism, humanitarianism, civil society organisation, and governance. The book also employs theories and techniques closely associated with other social science disciplines, including political theory, sociology, cultural studies and media studies.

The rapid growth of electronic commerce, along with changes in information, computing, and communications, is having a profound effect on the United States economy. President Clinton recently directed the National Economic Council, in consultation with executive branch agencies, to analyze the economic implications of the Internet and electronic commerce domestically and internationally, and to consider new types of data collection and research that could be undertaken by public and private organizations. This book contains work presented at a conference held by executive branch agencies in May 1999 at the Department of Commerce. The goals of the conference were to assess current research on the digital economy, to engage the private sector in developing the research that informs investment and policy decisions, and to promote better understanding of the growth and socioeconomic implications of information technology and electronic commerce. Aspects of the digital economy addressed include macroeconomic assessment, organizational change, small business, access, market structure and competition, and employment and the workforce.

The basics of how computer hardware, software, and systems work, and the risks they create for our privacy and security Computers are everywhere. Some of them are highly visible, in laptops, tablets, cell phones, and smart watches. But most are invisible, like those in appliances, cars, medical equipment, transportation systems, power grids, and weapons. We never see the myriad computers that quietly collect, share, and sometimes leak vast amounts of personal data about us. Through computers, governments and companies increasingly monitor what we do. Social networks and advertisers know far more about us than we should be comfortable with, using information we freely give them. Criminals have all-too-easy access to our data. Do we truly understand the power of computers in our world? Understanding the Digital World explains how computer hardware, software, networks, and systems work. Topics include how computers are built and how they compute; what programming is and why it is difficult; how the Internet and the web operate; and how all of these affect our security, privacy, property, and other important social, political, and economic issues. This book also touches on fundamental ideas from computer science and some of the inherent limitations of computers. It includes numerous color illustrations, notes on sources for further exploration, and a glossary to explain technical terms and buzzwords. Understanding the Digital World is a must-read for all who want to know more about computers and communications. It explains, precisely and carefully, not only how they operate but also how they influence our daily lives, in terms anyone can understand, no matter what their experience and knowledge of technology.

Preparing for Life in a Digital World

Screenwise

Fake News

A Practical Introduction

Establishing Trust Over the Internet and Other Networks

Teaching in a Digital Age

A Guide to Choosing and Using Popular Video Games and Apps to Improve Executive Functioning in Children and Teens

We are living through an information revolution that is radically changing all aspects of our lives. Living in a Digital World is designed for anyone who would like to build a better understanding of our increasingly digitally dominated world. With more than 140 diagrams and over 70 photographs, the book starts by examining what makes a digital device "digital" and how it functions as a data processor. A review of algorithms and software completes the foundations, before delving into a broad range of key technologies. These include: networks and the internet, flash memory, mobile communications, artificial intelligence and cryptocurrencies. With these topics and many more to explore, Living in a Digital World will help you to create a sturdy framework, to improve your understanding of digital technology. There are numerous self tests with answers, to allow readers to check and consolidate their learning, as well as suggested practical tasks, promoting further exploration. Each chapter closes with a summary of key learning points. The book includes a detailed table of contents, a comprehensive index, a list of sources and a glossary of technical terms. Author Mark C Baker spent 12 years as a classroom teacher and subject leader of ICT/computing before moving on to regional and national advisory roles in the UK. He now works as an independent consultant. Mark has an MSc in Computer Science (University of Birmingham), Post Graduate Certificate in Education with Distinction (University of Cambridge) and a Bachelor of Engineering, First Class (University of Bradford). 328 pages, 8.5 x 11"

Digital collaboration is abundant in today's world, but it is often problematic and does not provide an apt solution to the human need for comprehensive communication. Humans require more personal interactions beyond what can be achieved online. Returning to Interpersonal Dialogue and Understanding Human Communication in the Digital Age is a collection of innovative studies on the methods and applications of comparing online human interactions to face-to-face interactions. While highlighting topics including digital collaboration, social media, and privacy, this book is a vital reference source for public administrators, educators, businesses, academicians, and researchers seeking current research on the importance of non-digital communication between people.

There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, How People Learn: Brain, Mind, Experience, and School: Expanded Edition was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the structure of learning environments. How People Learn II: Learners, Contexts, and Cultures provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. How People Learn II will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults.

This book introduces an events-based approach to understanding digital experience. Focusing on the event-ontologies of Bergson and Whitehead's process metaphysics, it explores subjective experience and objective reality as unified 'events' in the form of concrete slabs of existence. Such slabs are temporally defined by a term or period, in which all physical-chemical processes and personal subjective experience are included. Bringing together insights from a range of different specialisms, it urges us to consider a science of nature that includes both physical and non-physical realities and, from this ontological position, draws on philosophy, media, and user experience practice to provide a new account of the technological or virtual world of today. An examination of the manner in which process philosophy may be applied to contemporary digital experience, this volume will appeal to scholars of philosophy, science and technology studies and information systems.

Demystifying Technology

Bergson, Whitehead, and the Experience of the Digital

Data, Tools, and Research

How to Foster Creativity, Collaboration, and Inclusivity

Driving Digital Strategy

Raising Humans in a Digital World

Using Digital Analytics to Drive Better Digital Experiences

And What You Can Do about It

Digital marketing now represents 25% of the marketing spend in the UK and this is predicted to move to 50% or higher within the next three years. Understanding Digital Marketing looks at the world of digital marketing: how it got started, how it got to where it is today, and the thought leaders in the industry believe it is headed in the future. This authoritative title demonstrates how to harness the power of digital media and use it to achieve the utmost success in business, now and in the future. Understanding Digital Marketing of digital marketing, including: search marketing, social media, Google, mobile marketing, affiliate marketing, e-mail marketing, customer engagement and digital marketing strategies. Essential reading for both practitioners and students alike, and including real-world examples of digital marketing and expert opinions, Understanding Digital Marketing provides you with tools to utilize the power of the internet to take your company wherever you want it to go.

Written by two of the field's most eminent experts, this exciting new introduction to mass media makes connections between communication research and the reality of the media industry. Understanding Media in the Digital Age shows readers how to navigate the world of new media while fostering an understanding of mass communication theory, history, active research findings, and professional experience.

This fully revised and updated second edition of Understanding Digital Libraries focuses on the challenges faced by both librarians and computer scientists in a field that has been dramatically altered by the growth of the Web. At every turn, the goal is practical: you might need to do are already being done, or how they can be done. The first part of the book is devoted to technology and examines issues such as varying media requirements, indexing and classification, networks and distribution, and presentation. The second part is concerned with the human contexts in which digital libraries function. Here you'll find specific and useful information on usability, preservation, scientific applications, and thorny legal and economic questions. Thoroughly updated and expanded from original editions, this research, case studies and new technologies For librarians and technologists alike, this book provides a thorough introduction to the interdisciplinary science of digital libraries Written by Michael Lesk, a legend in computer science and a leading figure in the field of digital libraries

A brand-new edition of the popular introductory textbook that explores how computer hardware, software, and networks work Computers are everywhere. Some are highly visible, in laptops, tablets, cell phones, and smart watches. But most are invisible, like those in medical equipment, transportation systems, power grids, and weapons. We never see the myriad computers that quietly collect, share, and sometimes leak personal data about us. Governments and companies increasingly use computers to monitor what we do. Advertisers know more about us than we should be comfortable with. Criminals have all-too-easy access to our data. Do we truly understand the power of computers in our world? In this updated edition of Understanding the Digital World, Brian Kernighan explores how computer hardware, software, and networks work. Topics include how computers are built and how they compute; what programming is; how the Internet and web operate; and how all of these affect security, privacy, property, and other important social, political, and economic issues. This book also touches on fundamental ideas from computer science and some of the inherent limitations of computers, and new sections in the book explore Python programming, big data, machine learning, and much more. Numerous color illustrations, notes on sources for further exploration, and a glossary explaining technical terms and buzzwords are included. Understanding the Digital World is a must-read for readers of all backgrounds who want to know more about computers and communications.

Helping Kids Build a Healthy Relationship with Technology

Understanding the First Generation of Digital Natives

Computer Security Literacy

Understanding Digital Signatures

Understanding the Digital Generation

Born Digital

Leading in the Digital World

Marketing in a Digital World

A book to help parents to make their children's digital playtime educational Digital play, when used appropriately, can be a powerful tool for learning skills such as planning, time management, cooperation, creativity, and digital literacy. The book's clearly articulated strategies help parents use digital media in a more effective manner and, at the same time, set effective limits and implement a healthy "play diet" for their children. A section devoted to exploring specific strategies for using digital media with children in specific populations—such as children affected by ADHD, autism spectrum and learning disorders, and other mental health and educational issues—is also featured, as is a list of specific games, apps, and tools to make game-based learning most effective.

This Open Access book summarizes the key findings from the second cycle of IEA's International Computer and Information Literacy Study (ICILS), conducted in 2018. ICILS seeks to establish how well schools around the globe are responding to the need to provide young people with the necessary digital participatory competencies. Effective use of information and communication technologies (ICT) is an imperative for successful participation in an increasingly digital world. ICILS 2018 explores international differences in students' computer and information literacy (CIL), namely their ability to use computers to investigate, create, and communicate at home, at school, in the workplace, and in the community. Participating countries also had an option to administer an assessment of students' computational thinking (CT), focused on their ability to recognize aspects of real-world problems appropriate for computational formulation, and to evaluate and develop algorithmic solutions to those problems, so that the solutions could be operationalized with a computer. The data collected by ICILS 2018 show how digital competencies can be assessed using instruments representing authentic contexts for ICT use, and how students' CIL and CT skills relate to school learning experiences, out-of-school contexts, and student characteristics. Those data also show how learning technologies are used in classrooms around the world. Background questionnaires asked students about their use of ICT, and collected information from teachers, schools, and national education systems about the resourcing and teaching of CIL (and CT) within their countries. The results of ICILS 2018 will enable policymakers and education systems to develop a better understanding of the contexts and outcomes of CIL (and CT) education programs.

The Internet and digital technologies have changed the world we live in and the ways we engage with one another and work and play. This is the starting point for this collection which takes analysis of the digital world to the next level exploring the frontiers of digital and creative transformations and mapping their future directions. It brings together a distinctive collection of leading academics, social innovators, activists, policy specialists and digital and creative practitioners to discuss and address the challenges and opportunities in the contemporary digital and creative economy. Contributions explain the workings of the digital world through three main themes: connectivity, creativity and rights. They combine theoretical and conceptual discussions with real world examples of new technologies and technological and creative processes and their impacts.

Discussions range across political, economic and cultural areas and assess national contexts including the UK and China. Areas covered include digital identity and empowerment, the Internet and the 'Fifth Estate', social media and the Arab Spring, digital storytelling, transmedia and audience, economic and social innovation, digital inclusion, community and online curation, cyberqueer activism. The volume developed out of a UK Economic and Social Research Council funded research seminar series.

Computer users have a significant impact on the security of their computer and personal information as a result of the actions they perform (or do not perform). Helping the average user of computers, or more broadly the general public, to make sound security decisions, Computer Security Literacy: Staying Safe in a Digital World focuses on practical advice.

The Dark Side of Our Digital World

Measuring the Digital World

Understanding Popular Culture and World Politics in the Digital Age

Marketing Strategies for Engaging the Digital Generation

Helping Kids Thrive (and Survive) in Their Digital World

Playing Smarter in a Digital World

Faith, Culture and Computer Technology

Wozm

Understanding the Digital WorldWhat You Need to Know about Computers, the Internet, Privacy, and SecurityPrinceton University Press

Social media and digital technologies are transforming what and how we read. Books and Social Media considers the way in which readers and writers come together in digital communities to discover and create new works of fiction. This new way of engaging with fiction stretches the boundaries of what has been considered a book in the past by moving beyond the physical or even digitally bound object to the consideration of content, containers, and the ability to share. Using empirical data and up-to-date research methods, Miriam Johnson introduces the ways in which digitally social platforms give rise to a new type of citizen author who chooses to sidestep the industry's gatekeepers and share their works directly with interested readers on social platforms. Gender and genre, especially, play a key role in developing the communities in which these authors write. The use of surveys, interviews, and data mining brings to the fore issues of gender, genre, community, and power, which highlight the push and pull between these writers and the industry. Questioning what we always thought we knew about what makes a book and traditional publishing channels, this book will be of interest to anyone studying or researching publishing, book history, print cultures, and digital and contemporary literatures.

Screenwise offers a realistic and optimistic perspective on how to thoughtfully guide kids in the digital age. Many parents feel that their kids are addicted, detached, or distracted because of their digital devices. Media expert Devorah Heitner, however, believes that technology offers huge potential to our children-if parents help them. Using the foundation of their own values and experiences, parents and educators can learn about the digital world to help set kids up for a lifetime of success in a world fueled by technology. Screenwise is a guide to understanding more about what it is like for children to grow up with technology, and to recognizing the special challenges-and advantages-that contemporary kids and teens experience thanks to this level of connection. In it, Heitner presents practical parenting "hacks": quick ideas that you can implement today that will help you understand and relate to your digital native. The book will empower parents to recognize that the wisdom that they have gained throughout their lives is a relevant and urgently needed supplement to their kid's digital savvy, and help them develop skills for managing the new challenges of parenting. Based on real-life stories from other parents and Heitner's wealth of knowledge on the subject, Screenwise teaches parents what they need to know in order to raise responsible digital citizens.

An innovative look at reshaping the educational experiences of 21st-century learners! Inspiring thoughtful discussion that leads to change, this reader-friendly resource examines how the new digital landscape is transforming teaching and learning in an environment of standards, accountability, and high-stakes testing and why informed leadership is so critical. The authors present powerful strategies and compelling viewpoints, underscore the necessity of developing relevant classroom experiences, and discuss: Attributes common among digital learners The concepts of neuroplasticity and the hyperlinked mind An educational approach that supports traditional literacy skills alongside 21st-century fluencies Evaluation methods that encompass how digital generation students process new information

Understanding Digital Technologies and Young Children

A Guide to Reimagining Your Business

An international perspective

What You Need to Know about Computers, the Internet, Privacy, and Security

The First Digital World War

Understanding Digital Events

Disrupting the Digital World

Understanding the Digital Economy

The digital world profoundly shapes how we work and consume and also how we play, socialize, create identities, and engage in politics and civic life. Indeed, we are so enmeshed in digital networks—from social media to cell phones—that it is hard to conceive of them from the outside or to imagine an alternative, let alone defy their seemingly inescapable power and logic. Yes, it is (sort of) possible to quit Facebook. But is it possible to disconnect from the digital network—and why might we want to? Off the Network is a fresh and authoritative examination of how the hidden logic of the Internet, social media, and the digital network is changing users’ understanding of the world—and why that should worry us. Ulises Ali Mejias also suggests how we might begin to rethink the logic of the network and question its ascendancy. Touted as consensual, inclusive, and pleasurable, the digital network is also, Mejias says, monopolizing and threatening in its capacity to determine, commodify, and commercialize so many aspects of our lives. He shows how the network broadens participation yet also exacerbates disparity—and how it excludes more of society than it includes. Uniquely, Mejias makes the case that it is not only necessary to challenge the privatized and commercialized modes of social and civic life offered by corporate-controlled spaces such as Facebook and Twitter, but that such confrontations can be mounted from both within and outside the network. The result is an uncompromising, sophisticated, and accessible critique of the digital world that increasingly dominates our lives.

"The book takes a comprehensive look at digital technology use in educational settings around the world. Drawing on a wealth of theoretical and empirical work, the book tackles a number of pressing questions"--

From the bestselling author of Black Hawk Down, the gripping story of the Conficker worm—the cyberattack that nearly toppled the world. The Conficker worm infected its first computer in November 2008, and within a month had infiltrated 1.5 million computers in 195 countries. Banks, telecommunications companies, and critical government networks—including British Parliament and the French and German military—became infected almost instantaneously. No one had ever seen anything like it. By January 2009, the worm lay hidden in at least eight million computers, and the botnet of linked computers it had created was big enough that an attack might crash the world. In this “masterpiece” (The Philadelphia Inquirer), Mark Bowden expertly lays out a spellbinding tale of how hackers, researchers, millionaire Internet entrepreneurs, and computer security experts found themselves drawn into a battle between those determined to exploit the Internet and those committed to protecting it.

This book explains hardware, software and communications, precisely and carefully but in terms that anyone can understand, no matter what their experience and knowledge of technology.

Understanding Media in the Digital Age

Understanding the Business of Global Media in the Digital Age

D Is for Digital

Learners, Contexts, and Cultures

Returning to Interpersonal Dialogue and Understanding Human Communication in the Digital Age

Education in a Digital World

Books and Social Media

Remastering Leadership for Your Industry, Your Enterprise, and Yourself

Digital transformation is no longer news—it's a necessity. Despite the widespread threat of disruption, many large companies in traditional industries have succeeded at digitizing their businesses in truly transformative ways. The New York Times, formerly a bastion of traditional media, has created a thriving digital product behind a carefully designed paywall. Best Buy has transformed its business in the face of Amazon's threat. John Deere has formed a data-analysis arm to complement its farm-equipment business. And Goldman Sachs and many others are using digital technologies to reimagine their businesses. In Driving Digital Strategy, Harvard Business School professor Sunil Gupta provides an actionable framework for following their lead. For over a decade, Gupta has studied digital transformation at Fortune 500 companies. He knows what works and what doesn't. Merely dabbling in digital or launching a small independent unit, which many companies do, will not bring success. Instead you need to fundamentally change the core of your business and ensure that your digital strategy touches all aspects of your organization: your business model, value chain, customer relationships, and company culture. Gupta covers each aspect in vivid detail while providing navigation tips and best practices along the way. Filled with rich and illuminating case studies of companies at the forefront of digital transformation, Driving Digital Strategy is the comprehensive guide you need to take full advantage of the limitless opportunities the digital age provides.

The Internet can be a scary, dangerous place especially for children. This book shows parents how to help digital kids navigate this environment. Sexting, cyberbullying, revenge porn, online predators...all of these potential threats can tempt parents to snatch the smartphone or tablet out of their children's hands. While avoidance might eliminate the dangers, that approach also means your child misses out on technology's many benefits and opportunities. In Raising Humans in a Digital World, digital literacy educator Diana Graber shows how children must learn to handle the digital space through: developing social-emotional skills balancing virtual and real life building safe and healthy relationships avoiding cyberbullies and online predators protecting personal information identifying and avoiding fake news and questionable content becoming positive role models and leaders Raising Humans in a Digital World is packed with at-home discussion topics and enjoyable activities that any busy family can slip into their daily routine. Full of practical tips grounded in academic research and hands-on experience, today's parents finally have what they've been waiting for—a guide to raising digital kids who will become the positive and successful leaders our world desperately needs.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The definitive guide to next generation digital measurement; Indispensable insight for building high-value digital experiences! Helps you capture the knowledge you need to deliver deep personalization at scale Reflects today's latest insights into digital behavior and consumer psychology For every digital marketer, analyst, and executive who wants to improve performance To win at digital, you must capture the right data, quickly transform it into the right knowledge,and use them both to deliver deep personalization at scale. Conventional digital metrics simply aren't up to the task. Now, Gary Angel shows how to reinvent digital measurement so it delivers all you need to create richer, more compelling digital experiences. Angel shows how to transform “raw facts” about digital behavior into meaningful knowledge about your visitors... what they were trying to accomplish...how well you helped them... how you can personalize and optimize their digital experiences from now on... how you can use measurement to provide deep personalization at scale.

Marketing in a Digital World consists of nine essays on how the digital revolution has affected marketing theory and practice. Leading marketing scholars, including several editors of premier academic journals, provide fresh insights for both scholars and managers seeking to enhance their understanding of marketing in a digital world.

Connections for Communication, Society, and Culture

Shaping a Digital World

Understanding Research in the Digital Age

Global Perspectives on Technology and Education

Digital to the Core

How People Learn II

Understanding the Digital World

Understanding Digital Libraries

Building on the work of Jacques Ellul, Marshall McLuhan and Neil Postman, as well as a wide range of Reformed thinkers, Derek Schuurman provides a brief theology of technology—rooted in the Reformed tradition and oriented around the grand themes of creation, fall, redemption and new creation. This new introductory textbook provides students with the tools they need to understand the way digital technologies have transformed the global media business of the 21st century. Focusing on three main approaches - media economics, critical political economy, and production studies - the authors provide an empirically rich analysis of ownership, organizational structures and culture, business strategies, markets, networks of strategic alliances, and state policies as they relate to global media. Examples throughout involve both traditional and digital media and are taken from different regions and countries to illustrate how the media business is influenced by interconnected historical, political, economic, and social factors. In addition to introducing today 's convergent world of global media, the book gives readers a greater understanding of their own potential roles within the global media industries.

The definitive book on leadership in the digital era: why digital technologies call for leadership that emphasizes creativity, collaboration, and inclusivity. Certain ideas about business leadership are held to be timeless, and certain characteristics of leaders—often including a square jaw, a deep voice, and extroversion—are said to be universal. In Leading in the Digital World, Amit Mukherjee argues that since digital technologies are changing everything else, how could they not change leadership ideologies and styles? As more people worldwide participate equally in business, those assumptions of a leader's ideal profile have become irrelevant. Offering a radical rethinking of leadership, Mukherjee shows why digital technologies call for a new kind of leader—one who emphasizes creativity, collaboration, and inclusivity. Drawing on a global survey of 700 mid-tier to senior executives and interviews with C-level executives from around the world, Mukherjee explains how digital technologies are already reshaping organizations and work and what this means for leaders. For example, globally dispersed businesses can't reserve key leadership roles for people from exclusive groups; leadership must become inclusive, or fail. Leaders must learn to collaborate in a multipolar world of networked organizations, working with co-located and non-co-located colleagues. Leaders must lead for creativity rather than productivity. Focusing on practice, Mukherjee outlines goals and strategies, warns against unthinking assumptions, and explains how leaders can identify the mindsets, behaviors, and actions they need to pursue. With Leading in the Digital World, Mukherjee offers the definitive book on leadership for the digital era.

Understanding Digital Literacies Second Edition provides an accessible and timely introduction to new media literacies. This book equips students with the theoretical and analytical tools with which to explore the linguistic dimensions and social impact of a range of digital literacy practices. Each chapter in the volume covers a different topic, presenting an overview of the major concepts, issues, problems, and debates surrounding it, while also encouraging students to reflect on and critically evaluate their own language and communication practices. Features of the second edition include: • expanded coverage of a diverse range of digital media practices that now includes Instagram, Snapchat, TikTok, Tinder, and WhatsApp; • two entirely new chapters on mobility and materiality, and surveillance and privacy; • updated activities in each chapter which engage students in reflecting on and analysing their own media use; • e-resources featuring a glossary of key terms and supplementary material for each chapter, including additional activities and links to useful websites, articles, and videos. This book is an essential textbook for undergraduate and postgraduate students studying courses in new media and digital literacies.

Growing up in a Digital World - Social and Cognitive Implications

IEA International Computer and Information Literacy Study 2018 International Report

What You Need to Know about Computers, the Internet, Privacy, and Security, Second Edition

Digital World

Teaching and Learning in the New Digital Landscape

Living in a Digital World

Understanding Digital Marketing

Issues for Science and Engineering Researchers in the Digital Age

There is no simple strategic method for dealing with the multidimensional nature of digital change. Even the sharpest leaders can become disoriented as change builds on change, leaving almost nothing certain. Yet to stand still is to fail. Enterprises and leaders must re-master themselves to succeed. Leaders must identify the key macro forces, then lead their organizations at three distinct levels: industry, enterprise, and self. By doing this they cannot only survive but clean up. Digital to the Core makes the case that all business leaders must understand the impact the digital revolution will continue to play in their industries, companies, and leadership style and practices. Drawing on interviews with over 30 top C-level executives in some of the world's most powerful companies and government organizations, including GE, Ford, Tory Burch, Babolat, McDonalds, Publicis and UK Government Digital Service, this book delivers practical insights from those on the front lines of major digital upheaval. The authors incorporate Gartner's annual CIO and CEO global survey research and also apply the deep knowledge and qualitative insights they have acquired as practitioners, management researchers, and advisors over decades in the business. Above all else, Raskino and Waller want companies and their top leaders to understand the full impact of digital change and integrate it at the core of their businesses.

This volume explains the technology behind digital signatures and key infrastructures (PKI). These are the standards that make it absolutely safe to buy, sell, sign documents and exchange sensitive financial data on the Internet.

The first generation of Digital Natives children who were born into and raised in the digital world are coming of age, and soon our world will be reshaped in their image. Our economy, our politics, our culture, and even the shape of our family life will be forever transformed. But who are these Digital Natives? And what is the world they're creating going to look like? In Born Digital, leading Internet and technology experts John Palfrey and Urs Gasser offer a sociological portrait of these young people, who can seem, even to those merely a generation older, both extraordinarily sophisticated and strangely narrow. Exploring a broad range of issues, from the highly philosophical to the purely practical, Born Digital will be essential reading for parents, teachers, and the myriad of confused adults who want to understand the digital present and shape the digital future.