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KEY=BUILDINGS - JAZLYN ANAYA

Eco-Towers Sustainable Cities in the Sky [WIT Press](#) **Eco-Towers** introduces readers to groundbreaking designs, most progressive projects, and innovative ways of thinking about a new generation of green skyscrapers that could provide solutions to crises the world faces today including climate change, depleting resources, deteriorating ecology, population increase, decreasing food supply, urban heat island effect, pollution, deforestation, and more. The book suggests that the eco-tower culminates the cultural and technological evolutions of the 21st century by building and improving on the experiences of earlier designs of skyscrapers and philosophies particularly green, sustainable, and ecological. It argues that the true green skyscraper is the one that engages successfully with its larger urban context by establishing symbiotic relationships with the social, economic, and environmental aspects. Since tall buildings are becoming larger and taller, serving greater number of people, and exerting higher demand on the environment and existing infrastructure, any improvements in their design and construction will significantly enhance urban conditions. The book elucidates how green skyscrapers better serve tenants, mitigate environmental impacts, and improve integration with the city infrastructure. It explains how skyscrapers' long life cycle offers the greatest justifications for recycling precious resources, and makes it a worthwhile to employ green features in constructing new skyscrapers and retrofitting existing ones. Subsequently, the book explores new designs that are employing cutting-edge green technologies at a grand scale including water-saving technologies, solar panels, helical wind turbines, sunlight-sensing LED lights, rainwater catchment systems, graywater and blackwater recycling systems, seawater-powered air conditioning, and the like. In the future, new building materials and smart technologies will continue to offer innovative design approaches to sustainable tall buildings with new aesthetics, referred to as "eco-iconic" skyscrapers. **Chudley and Greeno's Building Construction Handbook** [Routledge](#) The 12th edition of Chudley and Greeno's **Building Construction Handbook** remains THE authoritative reference for all construction students and professionals. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice, techniques and regulations representing both traditional procedures and modern developments are included to provide the most comprehensive and easy to understand guide to building construction. This new edition has been updated to reflect recent changes to the building regulations, as well as new material on modern methods of construction, greater emphasis on sustainability and a new look interior. **Chudley and Greeno's Building Construction Handbook** is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful practical reference for building designers, contractors and others engaged in the construction industry. **The Vertical City A Sustainable Development Model** [WIT Press](#) Each century has its own unique approach toward addressing the problem of high density and the 21st century is no exception. As cities try to cope with rapid population growth - adding 2.5 billion dwellers by 2050 - and grapple with destructive sprawl, politicians, planners and architects have become increasingly interested in the vertical city paradigm. Unfortunately, cities all over the world are grossly unprepared for integrating tall buildings, as these buildings may aggravate multidimensional sustainability challenges resulting in a "vertical sprawl" that could have worse consequences than "horizontal" sprawl. By using extensive data and numerous illustrations this book provides a comprehensive guide to the successful and sustainable integration of tall buildings into cities. A new crop of skyscrapers that employ passive design strategies, green technologies, energy-saving systems and innovative renewable energy offers significant architectural improvements. At the urban scale, the book argues that planners must integrate tall buildings with efficient mass transit, walkable neighbourhoods, cycling networks, vibrant mixed-use activities, iconic transit stations, attractive plazas, well-landscaped streets, spacious parks and engaging public art. Particularly, it proposes the Tall Building and Transit Oriented Development (TB-TOD) model as one of the sustainable options for large cities going forward. Building on the work of leaders in the fields of ecological and sustainable design, this book will open readers' eyes to a wider range of possibilities for utilizing green, resilient, smart, and sustainable features in architecture and urban planning projects. The 20 chapters offer comprehensive reading for all those interested in the planning, design, and construction of sustainable cities. **Sustainability Principles and Practice** [Routledge](#) **Sustainability Principles and Practice** gives an accessible and comprehensive overview of the interdisciplinary field of sustainability. The focus is on furnishing solutions and equipping students with both conceptual understanding and technical skills. Each chapter explores one aspect of the field, first introducing concepts and presenting issues, then supplying tools for working toward solutions. Elements of sustainability are examined piece by piece, and

coverage ranges over ecosystems, social equity, environmental justice, food, energy, product life cycles, cities, and more. Techniques for management and measurement as well as case studies from around the world are provided. The 3rd edition includes greater coverage of resilience and systems thinking, an update on the Anthropocene as a formal geological epoch, the latest research from the IPCC, and a greater focus on diversity and social equity, together with new details such as sustainable consumption, textiles recycling, microplastics, and net-zero concepts. The coverage in this edition has been expanded to include issues, solutions, and new case studies from around the world, including Europe, Asia, and the Global South. Chapters include further reading and discussion questions. The book is supported by a companion website with online links, annotated bibliography, glossary, white papers, and additional case studies, together with projects, research problems, and group activities, all of which focus on real-world problem-solving of sustainability issues. This textbook is designed to be used by undergraduate college and university students in sustainability degree programs and other programs in which sustainability is taught.

The World's Greenest Buildings Promise Versus Performance in Sustainable Design [Routledge](#) **The World's Greenest Buildings** tackles an audacious task. Among the thousands of green buildings out there, which are the best, and how do we know? Authors Jerry Yudelson and Ulf Meyer examined hundreds of the highest-rated large green buildings from around the world and asked their owners to supply one simple thing: actual performance data, to demonstrate their claims to sustainable operations. This pivotal book presents: an overview of the rating systems and shows "best in class" building performance in North America, Europe, the Middle East, India, China, Australia and the Asia-Pacific region practical examples of best practices for greening both new and existing buildings a practical reference for how green buildings actually perform at the highest level, one that takes you step-by-step through many different design solutions a wealth of exemplary case studies of successful green building projects using actual performance data from which to learn interviews with architects, engineers, building owners and developers and industry experts, to provide added insight into the greening process This guide uncovers some of the pitfalls that lie ahead for sustainable design, and points the way toward much faster progress in the decade ahead.

Teaching Geography Creatively [Taylor & Francis](#) **Teaching Geography Creatively** was Winner of the Geographical Association Gold Award 2014 and Winner of the Geographical Association Silver Award 2017. This fully updated second edition of **Teaching Geography Creatively** is a stimulating source of guidance for busy trainee and experienced teachers. Packed full of practical approaches for bringing the teaching of geography to life, it offers a range of innovative ideas for exploring physical geography, human geography and environmental issues. Underpinned by the very latest research and theory, expert authors from schools and universities explore the inter-relationship between creativity and learning, and consider how creativity can enhance pupils' motivation, self-image and well-being. Two brand new chapters focus on creative approaches to learning about the physical world, as well as the value of alternative learning settings. Further imaginative ideas include: games and starter activities as entry points for creative learning how to keep geography messy the outdoors and learning beyond the classroom how to teach geography using your local area the links between geography and other areas of the curriculum looking at geography, creativity and the future fun and games in geography engaging with the world through picture-books teaching about sustainability. With contemporary, cutting-edge practice at the forefront, **Teaching Geography Creatively** is an essential read for all trainee and practicing teachers, offering a variety of practical strategies to create a fun and stimulating learning environment. In the process it offers a pedagogy that respects the integrity of children as joyful and imaginative learners and which offers a vision of how geography can contribute to constructing a better and more equitable world.

Teaching Design and Technology Creatively [Taylor & Francis](#) **Packed full of practical ideas, Teaching Design and Technology Creatively** is a stimulating source of guidance for busy trainee and practising teachers. Grounded in the latest research, it offers a wealth of suggestions to foster creative development in D&T and supports teachers in providing their students with more authentic, enjoyable experiences. Providing a wealth of ready-to-use ideas for creative lessons, key topics covered include: Understanding links between D&T and creativity Creating a foundation for D&T in the early years Using objects, books and real-life contexts as imaginative starting points Developing designerly thinking Making the most of construction kits Helping children draw to develop their ideas Encouraging dialogic talk in D&T to drive learning Exploring food as a creative resource Practical approaches to embedding IT and programming in the curriculum Taking learning outside the classroom. **Teaching Design and Technology Creatively** provides practical teaching suggestions to ensure teachers of all levels understand how to teach for creativity. It shows how learning experiences in D&T have the potential to extend children's technological knowledge, and to promote problem-solving and evaluation skills. Drawing on examples from real-world projects, this text is invaluable for all those who wish to engage students in D&T and encourage creative classroom practice.

Teaching History Creatively [Taylor & Francis](#) **The fully updated second edition of Teaching History Creatively** introduces teachers to the wealth of available approaches to historical enquiry, ensuring creative, effective learning. This book clearly sets out the processes of historical enquiry, demonstrating how these are integrally linked with key criteria of creativity and helps readers to employ those features of creativity in the classroom. Underpinned by theory and research, it offers informed and practical support and is illustrated throughout with examples of children's work. Key themes addressed include: investigating sources using archives in your own research project becoming historical agents and history detectives drama for exploring events myths and legends communicating historical understanding creatively. With brand new chapters from the Stone Ages to the Iron Age, using prehistoric sources; The withdrawal of the Romans and the conquest and settlement of Britain by the Anglo-Saxons, in addition to many new case studies, this exciting edition puts an emphasis on accessible, recent research, new evidence and interpretations and encourages the creative dynamism of the study of history. **Teaching History Creatively** provides vivid and rich examples of the creative use of sources, of approaches to understanding chronology and concepts of time and of strategies to create interpretations. It is an essential purchase for any teacher or educator who wishes to embed creative approaches to teaching history in their classroom.

Understanding Tall Buildings A Theory of Placemaking [Taylor](#)

& Francis In recent years, the rapid pace of tall building construction has fostered a certain kind of placelessness, with many new tall buildings being built out of scale, context and place. By analyzing hundreds of tall buildings and by providing hundreds of visuals that inspire, stimulate and engage, **Understanding Tall Buildings** contends that well-designed tall buildings can rejuvenate cities, ignite economic activity, support social life and boost city pride. Although this book does not claim to possess all the solutions, it does propose specific tall building design guidelines that may help to promote placemaking. Through this work, it is the author's hope that ill-conceived developments will become less common in the future and that good placemaking will become the norm, not the exception. This book is a must-read for students and practitioners working to create better tall buildings and better urban environments. **The Reference Catalogue of Current Literature Green Building in Developing Countries Policy, Strategy and Technology** **Springer** The book reveals how green buildings are currently being adapted and applied in developing countries. It includes the major developing countries such as China, Indonesia, Malaysia, Thailand, Pakistan, Cambodia, Ghana, Nigeria and countries from the Middle East and gathers the insights of respected green building researchers from these areas to map out the developing world's green building revolution. The book highlights these countries' contribution to tackling climate change, emphasising the green building benefits and the research behind them. The contributing authors explore how the green building revolution has spread to developing countries and how national governments have initiated their own green building policies and agendas. They also explore how the market has echoed the green building policy, and how a business case for green buildings has been established. In turn, they show how an international set of green building standards, in the form of various techniques and tools, has been incorporated into local building and construction practices. In closing, they demonstrate how the developing world is emerging as a key player for addressing the energy and environmental problems currently facing the world. The book helps developers, designers and policy-makers in governments and green building stakeholders to make better decisions on the basis of global and local conditions. It is also of interest to engineers, designers, facility managers and researchers, as it provides a holistic picture of how the industry is responding to the worldwide call for greener and more sustainable buildings. **Cities of Power The Urban, The National, The Popular, The Global** **Verso Books** Why are cities centres of power? A sociological analysis of urban politics Why are some cities more powerful than others? What makes a capital city different from others in a nation state? In this brilliant survey of urban politics, leading sociologist Göran Therborn looks at what makes a metropolis. Through a historical lens and a global perspective, Therborn questions received assumptions about the source of urban power and how it manifests itself. He looks at the way that architecture and social movements have had their impact on the way cities work. He explores what makes a 'global city'. And argues that, at a time when they seem to be moving apart, there is a strong link between the city and the nation state. With examples from revolutionary Paris to the rise of the post-colonial capitals of the Global South and the mega cities of the twenty first century, Therborn forces us to think about what our urban future might look like. **The Publisher The Journal of the Publishing Industry The City Reader** **Routledge** The sixth edition of the highly successful **The City Reader** juxtaposes the very best classic and contemporary writings on the city to provide the comprehensive mapping of the terrain of Urban Studies and Planning old and new. **The City Reader** is the anchor volume in the **Routledge Urban Reader Series** and is now integrated with all ten other titles in the series. This edition has been extensively updated and expanded to reflect the latest thinking in each of the disciplinary areas included and in topical areas such as compact cities, urban history, place making, sustainable urban development, globalization, cities and climate change, the world city network, the impact of technology on cities, resilient cities, cities in Africa and the Middle East, and urban theory. The new edition places greater emphasis on cities in the developing world, globalization and the global city system of the future. The plate sections have been revised and updated. Sixty generous selections are included: forty-four from the fifth edition, and sixteen new selections, including three newly written exclusively for **The City Reader**. The sixth edition keeps classic writings by authors such as Ebenezer Howard, Ernest W. Burgess, LeCorbusier, Lewis Mumford, Jane Jacobs, and Louis Wirth, as well as the best contemporary writings of, among others, Peter Hall, Manuel Castells, David Harvey, Saskia Sassen, and Kenneth Jackson. In addition to newly commissioned selections by Yasser Elshehawey, Peter Taylor, and Lawrence Vale, new selections in the sixth edition include writings by Aristotle, Peter Calthorpe, Alberto Camarillo, Filip DeBoeck, Edward Glaeser, David Owen, Henri Pirenne, The Project for Public Spaces, Jonas Rabinovich and Joseph Lietman, Doug Saunders, and Bish Sanyal. The anthology features general and section introductions as well as individual introductions to the selected articles introducing the authors, providing context, relating the selection to other selection, and providing a bibliography for further study. The sixth edition includes fifty plates in four plate sections, substantially revised from the fifth edition. **Understanding Building Failures** **Routledge** Building defects still continue to plague the construction industry. The lessons learned over the last forty years have not been fully applied. Many new or refurbished buildings still leak or crack. Lack of awareness by designers and installers as to the main mechanisms that trigger such failures remains a problem for the industry. Investigating and rectifying building failures form a major part of building surveyors' bread and butter work. This book provides guidance on this work for typical residential, commercial and industrial buildings - with advice on how to diagnose a wide range of defects with an emphasis on evidence based practice throughout. It considers both modern and older construction methods, together with new and traditional materials. The particular problems of alteration and renovation work are also discussed. The first four chapters provide information and guidance on the methodology for investigating failures - how to prepare for and conduct an investigation into a building defect and subsequently diagnose its cause in a logical manner. This fourth edition has been updated and expanded to cover the latest diagnostic procedures and research. It also includes Appendices and a new Bibliography, and provides an extensive list of books on building pathology and related topics in the UK and North America. It is essential reading for all students and practitioners interested in building surveying and building conservation. **Teaching Outdoors Creatively** **Taylor & Francis** **Teaching Outdoors Creatively** offers guidance and a variety of exciting

ideas to suit the full range of primary schools and locations. Underpinned by current research and practical experience, it investigates innovative approaches to working creatively with children beyond the classroom. While recognising the diverse needs and opportunities that primary schools have to develop the outdoors as part of their curriculum, it presents a broad range of activities, philosophies and approaches. Key themes explored include: Understanding and using local and home environments Investigating streets and buildings in your area Planning fieldwork Using rivers to inspire children Forest schools Beach schools Physical education outdoors Learning through adventure. Teaching Outdoors Creatively supports teaching and learning in a wide range of settings, from schools in rural and urban areas, to off-site outdoor education centres and residential visits. With a focus on developing effective and stimulating learning environments for children it is a must-have resource for all busy trainee and practising teachers. The Publishers' Circular and Booksellers' Record Construction Materials Reference Book [Routledge](#) This book is the definitive reference source for professionals involved in the conception, design and specification stages of a construction project. The theory and practical aspects of each material is covered, with an emphasis being placed on properties and appropriate use, enabling broader, deeper understanding of each material leading to greater confidence in their application. Containing fifty chapters written by subject specialists, Construction Materials Reference Book covers the wide range of materials that are encountered in the construction process, from traditional materials such as stone through masonry and steel to advanced plastics and composites. With increased significance being placed on broader environmental issues, issues of whole life cost and sustainability are covered, along with health and safety aspects of both use and installation. Analysing Architecture the universal language of place-making [Routledge](#) Now in its fifth edition, Analysing Architecture has become internationally established as the best introduction to architecture. Aimed primarily at those studying architecture, it offers a clear and accessible insight into the workings of this rich and fascinating subject. With copious illustrations from his own notebooks, the author dissects examples from around the world and all periods of history to explain the underlying strategies in architectural design and show how drawing may be used as a medium for analysis. In this new edition Analysing Architecture has been revised and expanded. Notably, the chapter on 'How Analysis Can Help Design' has been redeveloped to clearly explain this crucially important aspect of study to a beginner readership. Four new chapters have been added to the section dealing with Themes in Spatial Organisation, on 'Axis', 'Grid', 'Datum Place' and 'Hidden'. Material from the 'Case Studies' in previous editions has been redistributed amongst earlier chapters. The 'Introduction' has been completely rewritten; and the format of the whole book has been adjusted to allow for the inclusion of more and better illustrative examples. Works of architecture are instruments for managing, orchestrating, modifying our relationship with the world around us. They frame just about everything we do. Architecture is complex, subtle, frustrating... but ultimately extremely rewarding. It can be a difficult discipline to get to grips with; nothing in school quite prepares anyone for the particular demands of an architecture course. But this book will help. Kuwabara Payne McKenna Blumberg Architects [Walter de Gruyter](#) Kuwabara Payne McKenna Blumberg Architects, founded in 1987 in Toronto, is one of most innovative architectural offices in North America today. They have made a name for themselves both for their integrated design process embodying collaboration with experts, clients and future users as well as the diversity of their aesthetically refined and finely detailed designs. The work ranges from cultural institutions such as the Toronto International Film Festival and Orchestra Hall in Minneapolis to ecologically innovative concepts such as Manitoba Hydro Place in Winnipeg, developed with leading climate engineers Transsolar of Stuttgart. A respectful approach toward the integration of heritage buildings is also a characteristic feature, illustrated by the designs for the Royal Conservatory and the Gardiner Museum in Toronto. Finally, educational and research facilities are also a strong focus in KPMB's work exemplified by the Centre for Innovation and Governance Campus in Waterloo, Ontario, and the Joseph L. Rotman School of Management in Toronto, as well as future projects for the Massachusetts Institute of Technology (MIT) and Princeton University in the United States. Structure and Fabric [B. T. Batsford Limited](#) Estimating and Tendering for Construction Work [Taylor & Francis](#) Estimators need to understand the consequences of entering into a contract, often defined by complex conditions and documents, as well as to appreciate the technical requirements of the project. Estimating and Tendering for Construction Work, 5th edition, explains the job of the estimator through every stage, from early cost studies to the creation of budgets for successful tenders. This new edition reflects recent developments in the field and covers: new tendering and procurement methods the move from basic estimating to cost-planning and the greater emphasis placed on partnering and collaborative working the New Rules of Measurement (NRM1 and 2), and examines ways in which practicing estimators are implementing the guidance emerging technologies such as BIM (Building Information Modelling) and estimating systems which can interact with 3D design models With the majority of projects procured using design-and-build contracts, this edition explains the contractor's role in setting costs, and design statements, to inform and control the development of a project's design. Clearly-written and illustrated with examples, notes and technical documentation, this book is ideal for students on construction-related courses at HNC/HND and Degree levels. It is also an important source for associated professions and estimators at the outset of their careers. Two Degrees: The Built Environment and Our Changing Climate [Routledge](#) The Earth's temperature has been rising. To limit catastrophic outcomes, the international scientific community has set a challenging goal of no more than two degrees Celsius (3.6 degrees Fahrenheit) average temperature rise. Economists agree we will save trillions of dollars by acting early. But how do we act successfully? And what's the backup plan if we fall short? Setting politics aside, Two Degrees reviews the current science and explains how we can set practical steps to reduce the extent of warming and to adapt to the inevitable changes, all while improving the bottom line, beautifying our communities, and increasing human health. The book is a practical guide intended for a broad audience of those who occupy and shape our built environment. The authors provide a clear framework for communities, policy makers, planners, designers, developers, builders, and operators to help manage the impacts and capture the opportunities of our changing climate. Two Degrees is divided into three sections—Fundamentals, Mitigation, and Adaptation—covering a diverse array of topics

ranging from climate-positive communities and low-carbon buildings to the psychology of choice and the cost of a low-carbon economy. After a foreword by Amory Lovins, more than 10 contributing authors share knowledge based on direct experience in all aspects of built environment practice. This book clarifies the misconceptions, provides new and unique insights, and shows how a better approach to the built environment can increase resilience and positively shape our future. **Reference Catalogue of Current Literature Materials for Architects and Builders** [Routledge](#) **Materials for Architects and Builders** provides a clear and concise introduction to the broad range of materials used within the construction industry and covers the essential details of their manufacture, key physical properties, specification and uses. Understanding the basics of materials is a crucial part of undergraduate and diploma construction or architecture-related courses, and this established textbook helps the reader to do just that with the help of colour photographs and clear diagrams throughout. This new edition has been completely revised and updated to include the latest developments in materials research, new images, appropriate technologies and relevant legislation. The ecological effects of building construction and lifetime use remain an important focus, and this new edition includes a wide range of energy saving building components. **The Routledge Handbook of EU-Russia Relations Structures, Actors, Issues** [Routledge](#) **The Routledge Handbook of EU-Russia Relations** offers a comprehensive overview of the changing dynamics in relations between the EU and Russia provided by leading experts in the field. Coherently organised into seven parts, the book provides a structure through which EU-Russia relations can be studied in a comprehensive yet manageable fashion. It provides readers with the tools to deliver critical analysis of this sometimes volatile and polarising relationship, so new events and facts can be conceptualised in an objective and critical manner. Informed by high-quality academic research and key bilateral data/statistics, it further brings scope, balance and depth, with chapters contributed by a range of experts from the EU, Russia and beyond. Chapters deal with a wide range of policy areas and issues that are highly topical and fundamental to understanding the continuing development of EU-Russia relations, such as political and security relations, economic relations, social relations and regional and global governance. **The Routledge Handbook of EU-Russia Relations** aims to promote dialogue between the different research agendas in EU-Russia relations, as well as between Russian and Western scholars and, hopefully, also between civil societies. As such, it will be an essential reference for scholars, students, researchers, policymakers and journalists interested and working in the fields of Russian politics/studies, EU studies/politics, European politics/studies, post-Communist/post-Soviet politics and international relations. **The Routledge Handbook of EU-Russia Relations** is part of a mini-series **Europe in the World Handbooks** examining EU-regional relations established by Professor Wei Shen. **Modern Apartment Design** [Routledge](#) **Modern Apartment Design** provides guidelines to the design of modern apartment buildings as well as a summation of current cutting-edge practice in engineered timber construction. The book covers a brief history of apartment buildings around the world, with a broad outline of different types of apartment blocks. It has a strong focus on the design and actual construction of apartment buildings, especially those utilising mass timber, such as cross-laminated timber and laminated veneer lumber. It also features six Case Study chapters from industry-leading practitioners in the area, enabling best practice in architecture and engineering of these new apartment building types to be more widely understood and propagated worldwide. The fully illustrated, full-colour case studies span the globe and include: Clearwater Quay in Christchurch, New Zealand (Pacific Environments NZ); Wynyard Central East 2 in Auckland, New Zealand (Architectus); Dalton Works in London, UK (Waugh Thistleton Architects); Mjøstårnet, Brumunddal, Norway (Voll Arkitekter); Brock Commons Tallwood House student housing in Vancouver, Canada (Acton Ostry Architects); and Regensbergstrasse apartments in Zurich, Switzerland (Dreicon). The book will be of great interest to architects and architecture students. **Writing Literature Reviews A Guide for Students of the Social and Behavioral Sciences** [Taylor & Francis](#) This useful guide educates students in the preparation of literature reviews for term projects, theses, and dissertations. The authors provide numerous examples from published reviews that illustrate the guidelines discussed throughout the book. ? New to the seventh edition: ? Each chapter breaks down the larger holistic review of literature exercise into a series of smaller, manageable steps Practical instructions for navigating today's digital libraries Comprehensive discussions about digital tools, including bibliographic and plagiarism detection software Chapter activities that reflect the book's updated content New model literature reviews Online resources designed to help instructors plan and teach their courses (www.routledge.com/9780415315746). **Local Citizenship in the Global Arena Educating for community participation and change** [Taylor & Francis](#) **Local Citizenship in the Global Arena** proposes a reconsideration of both citizenship and citizenship education, moving away equally from prevailing 'global citizenship' and 'fundamental British values' approaches towards a curriculum for education that is essentially about creating cosmopolitan, included and inclusive, politically-engaged citizens of communities local, national and global. Viewing education as both problem and solution, Findlow argues that today's climate of rapid and unpredictable geopolitical and cultural re-scoping requires an approach to citizenship education that both reflects and shapes society, paying attention to relationships between the local and global aspects of political voice, equality and community. Drawing on a range of international examples, she explores the importance and possibilities of a form of education that instead of promoting divisive competition, educates about citizenship in its various forms, and encourages the sorts of open and radical thinking that can help young people cross ideological and physical borders and use their voice in line with their own, and others', real, long-term interests. Successive chapters develop this argument by critically examining the key elements of citizenship discourses through the interrelated lenses of geopolitical change, nationalism, the competition fetish, critical pedagogy, multiculturalism, protest politics, feminism and ecology, and highlighting ways in which the situationally diverse lived realities of 'citizenship' have been mediated by different forms of education. The book draws attention to how we think of education's place in a world of combined globalisation, localism, anti-state revolt and xenophobia. It will be of key interest to academics, researchers and postgraduate students in the fields of education, political science, philosophy, sociology, social policy, cultural studies and anthropology. **Sustainable Construction** [Routledge](#) The second

edition of **Sustainable Construction** provides a masterclass on the principles and techniques involved in the design and delivery of practical, affordable, high quality sustainable buildings and places. It presents precedents, theory, concepts and principles alongside 120 wide ranging case studies that highlight current best practice and encourage implementation. Topics in the book include: • the history of ideas in sustainable construction • policy • materials • cost issues • appraisal techniques • environmental design • energy • water • construction processes • and urban ecology. The book is heavily illustrated in full colour and is an ideal, contemporary, accessible primer to courses in Architecture, Construction, Building Engineering, Environmental Engineering, Project Management, Landscape, Urbanism and Development. **The Routledge Handbook to Religion and Political Parties** [Routledge](#) As religion and politics become ever more intertwined, relationships between religion and political parties are of increasing global political significance. This handbook responds to that development, providing important results of current research involving religion and politics, focusing on: democratisation, democracy, party platform formation, party moderation and secularisation, social constituency representation and interest articulation. Covering core issues, new debates, and country case studies, the handbook provides a comprehensive overview of fundamentals and new directions in the subject. Adopting a comparative approach, it examines the relationships between religion and political parties in a variety of contexts, regions and countries with a focus on Christianity, Islam, Buddhism, Judaism and Hinduism. Contributions cover such topics as: religion, secularisation and modernisation; religious fundamentalism and terrorism; the role of religion in conflict resolution and peacebuilding; religion and its connection to state, democratisation and democracy; and regional case studies covering Asia, the Americas, Europe, Sub-Saharan Africa, the Middle East and North Africa. This comprehensive handbook provides crucial information for students, researchers and professionals researching the topics of politics, religion, comparative politics, secularism, religious movements, political parties and interest groups, and religion and sociology. **Materials Week by Week: Plans for Documenting Children's Development** [Cengage Learning](#) **Nilsen's WEEK BY WEEK: PLANS FOR DOCUMENTING CHILDREN'S DEVELOPMENT, 8th Edition** helps pre-service and in-service teachers manage detailed documentation of student development and achievement while attending to the other functions necessary to keep children safe and actively involved in learning. This all-purpose guide provides a concrete, systematic plan for recording each child's growth in all developmental areas. It also presents observation methods, reviews principles of child development as a framework for observation and applies appropriate practice to authentic assessment. NAEYC standards and Developmentally Appropriate Practices and learning objectives are integrated throughout. Real-life anecdotes, practical tips, observation forms with clear instructions and step-by-step guidelines make this a valuable resource for teachers in training and practicing professionals. **Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.** **A Reference Catalogue of Current Literature Containing the Full Titles of Books Now in Print and on Sale** **Building Services Handbook** The ninth edition of Hall and Greeno's leading textbook has been reviewed and updated in relation to the latest building and water regulations, new technology, and new legislation. For this edition, new updates includes: the reappraisal of CO2 emissions targets, updates to sections on ventilation, fuel, A/C, refrigeration, water supply, electricity and power supply, sprinkler systems, and much more. **Building Services Handbook** summarises the application of all common elements of building services practice, technique and procedure, to provide an essential information resource for students as well as practitioners working in building services, building management and the facilities administration and maintenance sectors of the construction industry. Information is presented in the highly illustrated and accessible style of the best-selling companion title **Building Construction Handbook**. **THE comprehensive reference for all construction and building services students, Building Services Handbook** is ideal for a wide range of courses including NVQ and BTEC National through Higher National Certificate and Diploma to Foundation and three-year Degree level. The clear illustrations and complementary references to industry Standards combine essential guidance with a resource base for further reading and development of specific topics. **Introduction to Research E-Book** **Understanding and Applying Multiple Strategies** [Elsevier Health Sciences](#) **Learn the latest healthcare and human service research methods! Introduction to Research: Understanding and Applying Multiple Strategies, 6th Edition** helps bridge the gap between research and practice by giving you a solid foundation for critiquing your own work. This easy-to-read guide covers all the major research design strategies: qualitative, quantitative, naturalistic, experimental-type, and mixed method. Plus, the 6th edition has been updated to include contemporary references, an expanded discussion of big data, updated research methods, and more! Comprehensive coverage of research designs helps you to further understand how to apply these methods to healthcare and human service settings. Detailed coverage of qualitative and quantitative methodologies offer a unique and balanced focus that makes this text more comprehensive than others in its field. Case examples provide real-life snapshots of what it is like to participate in different types of research processes, identify research dilemmas relevant to chapter subjects, and alert you to problems you might encounter. **NEW! Contemporary, practice examples** give you a highly relevant understanding of today's changing health and human service environments. **NEW! In-depth analysis of big data and data analytics** expands your understanding of how to apply these numbers to health and human service research. **NEW! More emphasis on technology in research and research informed practice** ensures you understand the latest methods available to you. **NEW! Expanded discussion of naturalistic methods** improve your ability to understand and integrate varying methods. **NEW! Updated research methods, strategies, and references** provide you with the latest information on research in diverse areas of health and human services. **Mitchell's Structure & Fabric** [Routledge](#) **Structure and Fabric Part 2** consolidates and develops the construction principles introduced in Part 1. With generous use of illustrations this book provides a thorough treatment of the techniques used in the construction of various types of building. This new edition has been thoroughly reviewed and updated with reference to recent changes in building regulations, national and European standards and related research papers. The comprehensive presentation provides guidance on established and current practice, including the administrative

procedures necessary for the construction of buildings. **Managing Africa's Natural Resources Capacities for Development** [Springer](#) The authors investigate well-known concerns in natural resource management in Africa while focusing on the capacity dimension of the problems. They examine dynamics of leadership, governance, criminality, structural transformation, as well as emerging issues such as green growth. **Computer-Aided Architectural Design: The Next City - New Technologies and the Future of the Built Environment 16th International Conference, CAAD Futures 2015, São Paulo, Brazil, July 8-10, 2015. Selected Papers** [Springer](#) This book constitutes the refereed proceedings of the 16th International Conference on Computer-Aided Architectural Design Futures, CAAD Futures 2015, held in São Paulo, Brazil, in July 2015. The 33 revised full papers presented were carefully reviewed and selected from 200 submissions. The papers are organized in topical sections on modeling, analyzing and simulating the city; sustainability and performance of the built space; automated and parametric design; building information modelling (BIM); fabrication and materiality; shape studies. **Computing the Environment Digital Design Tools for Simulation and Visualisation of Sustainable Architecture** [John Wiley & Sons](#) **Computing the Environment** presents practical workflows and guidance for designers to get feedback on their design using digital design tools on environmental performance. Starting with an extensive state-of-the-art survey of what top international offices are currently using in their design projects, this book presents detailed descriptions of the tools, algorithms, and workflows used and discusses the theories that underlie these methods. Project examples from Transsolar Klimaengineering, Buro Happold's SMART Group, Behnisch Behnisch Architects, Thomas Herzog, Autodesk Research are contextualized with quotes and references to key thinkers in this field such as Eric Winsberg, Andrew Marsh, Michelle Addington and Ali Malkawi.