

Chadwicks Quick Stage Scaffolding Guide

Bodies that Birth puts birthing bodies at the centre of questions about contemporary birth politics, power, and agency. Arguing that the fleshy and embodied aspects of birth have been largely silenced in social science scholarship, Rachelle Chadwick uses an array of birth stories, from diverse race-class demographics, to explore the narrative entanglements between flesh, power, and sociomateriality in relation to birth. Adopting a unique theoretical framework incorporating new materialism, feminist theory, and a Foucauldian 'analytics of power', the book aims to trace and trouble taken-for-granted assumptions about birthing bodies. Through a diffractive and dialogical approach, the analysis highlights the interplay between corporeality, power, and ideologies in the making of birth narratives across a range of intersectional differences. The book shows that there is no singular birthing body apart from sociomaterial relations of power. Instead, birthing bodies are uncertain zones or unpredictable assortments of physiology, flesh, sociomateriality, discourse, and affective flows. At the same time, birthing bodies are located within intra-acting fields of power relations, including biomedicine, racialized patriarchy, socioeconomic, and geopolitics. Bodies that Birth brings the voices of women from different sociomaterial positions into conversation. Ultimately, the book explores how attending to birthing bodies can vitalize global birth politics by listening to what matters to women in relation to birth. This is fascinating reading for researchers, academics, and students from across the social sciences.

This unique and ground-breaking book is the result of 15 years research and synthesises over 800 meta-analyses on the influences on achievement in school-aged students. It builds a story about the power of teachers, feedback, and a model of learning and understanding. The research involves many millions of students and represents the largest ever evidence based research into what actually works in schools to improve learning. Areas covered include the influence of the student, home, school, curricula, teacher, and teaching strategies. A model of teaching and learning is developed based on the notion of visible teaching and visible learning. A major message is that what works best for students is similar to what works best for teachers – an attention to setting challenging learning intentions, being clear about what success means, and an attention to learning strategies for developing conceptual understanding about what teachers and students know and understand. Although the current evidence based fad has turned into a debate about test scores, this book is about using evidence to build and defend a model of teaching and learning. A major contribution is a fascinating benchmark/dashboard for comparing many innovations in teaching and schools.

Cardiovascular diseases are still the leading cause of death in developed countries. Revascularization procedures such as coronary artery and peripheral bypass grafts, as well as access surgery represent a 2\$ billion market yearly for the US alone. Despite intense research over many decades, no clinically suitable, shelf-ready, synthetic, vascular, small-caliber graft exists. There is therefore still a quest for such a clinical vascular prosthesis for surgical revascularization procedures and access surgery. Many approaches have been tried and are currently under investigation with promising results. These range from acellular and cell-based, stable or bio-degradable, synthetic scaffolds to biological or decellularized grafts, not forgetting self-assembly technologies for in vitro or in vivo VTE. All these approaches can be further enhanced by functionalization, e.g. with growth factors and drug elution. This updatable book aims to cover all the relevant aspects of Vascular Tissue Engineering (VTE) and novel alternatives to develop vascular grafts for clinical applications. The chapters in this book cover different aspects of manufacturing scaffolds with various polymers, mechanical characteristics, degradation rates, decellularization techniques, cell sheet assembly, 3-D printing and autologous mandril-based VTE. All the necessary in vitro tests such as biocompatibility and thrombogenicity are reviewed. Pre-clinical assessment of in vivo experimental models include patency, compliance, intimal hyperplasia, inflammatory reaction, cellular ingrowth and remodeling. Finally, early clinical trials will be periodically updated regarding results, regulatory aspects and post-marketing quality assessment. Furthermore, the reader should get an insight into various approaches, technologies and methods to better understand the complexity of blood surface and cell interactions in VTE. Translational research has yielded early human applications clearly showing the enormous need of research in the field to provide better solutions for our patients and this continuously updated book will hopefully become a reference in the field for life sciences.

This nine-session module is written to be practical and accessible. It provides both extensive background and step-by-step instructions for using three-dimensional methods to explore this complex subject. It fits easily into a middle or high school curriculum while addressing the Next Generation Science Standards.

Social media platforms do not just circulate political ideas, they support manipulative disinformation campaigns. While some of these disinformation campaigns are carried out directly by individuals, most are waged by software, commonly known as bots, programmed to perform simple, repetitive, robotic tasks. Some social media bots collect and distribute legitimate information, while others communicate with and harass people, manipulate trending algorithms, and inundate systems with spam. Campaigns made up of bots, fake accounts, and trolls can be coordinated by one person, or a small group of people, to give the illusion of large-scale consensus. Some political regimes use political bots to silence opponents and to push official state messaging, to sway the vote during elections, and to defame critics, human rights defenders, civil society groups, and journalists. This book argues that such automation and platform manipulation, amounts to a new political communications mechanism that Samuel Woolley and Philip N. Noward call "computational propaganda." This differs from older styles of propaganda in that it uses algorithms, automation, and human curation to purposefully distribute misleading information over social media networks while it actively learns from and mimics real people so as to manipulate public opinion across a diverse range of platforms and device networks. This book includes cases of computational propaganda from nine countries (both democratic and authoritarian) and four continents (North and South America, Europe, and Asia), covering propaganda efforts over a wide array of social media platforms and

usage in different types of political processes (elections, referenda, and during political crises).

Jenna's friendship with Mac, a busboy, and Pouri, a Taiwanese patrygoer, is tested when Pouri suggests that Jenna and Mac help her stage her own kidnapping in order to to avoid flunking out of school and being sent back to Taiwan.

Over the last five years, widespread concern about the effects of social media on democracy has led to an explosion in research from different disciplines and corners of academia. This book is the first of its kind to take stock of this emerging multi-disciplinary field by synthesizing what we know, identifying what we do not know and obstacles to future research, and charting a course for the future inquiry. Chapters by leading scholars cover major topics – from disinformation to hate speech to political advertising – and situate recent developments in the context of key policy questions. In addition, the book canvasses existing reform proposals in order to address widely perceived threats that social media poses to democracy. This title is also available as Open Access on Cambridge Core.

CRISPR/Cas is a recently described defense system that protects bacteria and archaea against invasion by mobile genetic elements such as viruses and plasmids. A wide spectrum of distinct CRISPR/Cas systems has been identified in at least half of the available prokaryotic genomes. On-going structural and functional analyses have resulted in a far greater insight into the functions and possible applications of these systems, although many secrets remain to be discovered. In this book, experts summarize the state of the art in this exciting field.

Renew your teaching and your passion with this updated bestseller! When the teaching life gets tough, reflective practice reenergizes you—counteracting the effects of professional isolation and instilling a sense of meaning, renewal, and empowerment that benefits you, your colleagues, and your students. This bestselling book offers research-based ideas and strategies for using reflective practice individually, with others, and even schoolwide. Features of the newest edition include: Updated strategies for engaging adults and students and using reflective practices to create equitable outcomes New examples of reflective practice in action A new chapter on the core leadership practices for growing reflective practice A new companion website with resources and reflection protocols

The Complete Guide to Asperger's Syndrome Jessica Kingsley Publishers

The book presents a modern, psychoanalytically-informed chronological view of how the mind develops from infancy through young adulthood. It is a comprehensive work which integrates analytic theories and concepts with a contemporary systems model of development and draws on scholarly research from neighboring fields.

A discussion of all the key issues in the use of human pluripotent stem cells for treating degenerative diseases or for replacing tissues lost from trauma. On the practical side, the topics range from the problems of deriving human embryonic stem cells and driving their differentiation along specific lineages, regulating their development into mature cells, and bringing stem cell therapy to clinical trials. Regulatory issues are addressed in discussions of the ethical debate surrounding the derivation of human embryonic stem cells and the current policies governing their use in the United States and abroad, including the rules and conditions regulating federal funding and questions of intellectual property.

A guide to Asperger's syndrome describes what it is and how it is diagnosed, along with information on such topics as bullying, emotions, language, movement, cognitive ability, and long-term relationships.

The fiftieth anniversary edition of the essay that is now recognized as the first major work of feminist art theory—published together with author Linda Nochlin's reflections three decades later. Many scholars have called Linda Nochlin's seminal essay on women artists the first real attempt at a feminist history of art. In her revolutionary essay, Nochlin refused to answer the question of why there had been no "great women artists" on its own corrupted terms, and instead, she dismantled the very concept of greatness, unraveling the basic assumptions that created the male-centric genius in art. With unparalleled insight and wit, Nochlin questioned the acceptance of a white male viewpoint in art history. And future freedom, as she saw it, requires women to leap into the unknown and risk demolishing the art world's institutions in order to rebuild them anew. In this stand-alone anniversary edition, Nochlin's essay is published alongside its reappraisal, "Thirty Years After." Written in an era of thriving feminist theory, as well as queer theory, race, and postcolonial studies, "Thirty Years After" is a striking reflection on the emergence of a whole new canon. With reference to Joan Mitchell, Louise Bourgeois, Cindy Sherman, and many more, Nochlin diagnoses the state of women and art with unmatched precision and verve. "Why Have There Been No Great Women Artists?" has become a slogan and rallying cry that resonates across culture and society. In the 2020s, Nochlin's message could not be more urgent: as she put it in 2015, "There is still a long way to go."

Praise for Susan Higginbotham's Novels "Susan Higginbotham transports her readers into a vividly portrayed past."-Helen Hollick, author of The Pendragon's Banner trilogy A daughter can be a dangerous weapon in the battle for the throne of England Frances Grey harbored no dream of her children taking the throne. Cousin of the king, she knew the pitfalls of royalty and privilege. Better to marry them off, marry them well, perhaps to a clan like the Dudleys. Jane Dudley knew her husband was creeping closer to the throne, but someone had to take charge, for the good of the country. She couldn't see the twisted path they all would follow. The never-before-told story of the women behind the crowning of Jane Grey, this novel is a captivating peek at ambition gone awry, and the damage left in its wake. "Susan Higginbotham draws the reader under her spell...she brings the dead to life."-Christy English, author of The Queen's Pawn, praise for The Stolen Crown "A beautiful blending of turbulent history and deeply felt fiction...Higginbotham has given readers of historical fiction a gift to treasure."-Karen Harper, New York Times bestselling author of The Irish Princess, praise for The Queen of Last Hopes"

Provides information on using ASP.NET MVC 4 to build server-side Web applications.

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work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

From its ancient incarnation as a song to recent translations in modern languages, Homeric epic remains an abiding source of inspiration for both scholars and artists that transcends temporal and linguistic boundaries. The Cambridge Guide to Homer examines the influence and meaning of Homeric poetry from its earliest form as ancient Greek song to its current status in world literature, presenting the information in a synthetic manner that allows the reader to gain an understanding of the different strands of Homeric studies. The volume is structured around three main themes: Homeric Song and Text; the Homeric World, and Homer in the World. Each section starts with a series of 'macropedia' essays arranged thematically that are accompanied by shorter complementary 'micropedia' articles. The Cambridge Guide to Homer thus traces the many routes taken by Homeric epic in the ancient world and its continuing relevance in different periods and cultures.

This book provides collaborative research teams with a systematic approach for addressing complex real-world problems like widespread poverty, global climate change, organised crime, and escalating health care costs. The three core domains are Synthesising disciplinary and stakeholder knowledge, Understanding and managing diverse unknowns, and Providing integrated research support for policy and practice change. Each of these three domains is organised around five questions For what and for whom? Which knowledge, unknowns and aspects of policy or practice? How? Context? Outcome? This simple framework lays the foundations for developing compilations of concepts, methods and case studies about applying systems thinking, scoping and boundary setting, framing, dealing with values, harnessing and managing differences, undertaking dialogue, building models, applying common metrics, accepting unknowns, advocacy, end-user engagement, understanding authorisation, dealing with organisational facilitators and barriers, and much more. The book makes a case for a new research style—integrative applied research—and a new discipline of Integration and Implementation Sciences or I2S. It advocates for progressing these through an I2S Development Drive. It builds on theory and practice-based research in multi-, inter- and transdisciplinarity, post-normal science, systemic intervention, integrated assessment, sustainability science, team science, mode 2, action research and other approaches. The book concludes with 24 commentaries by Simon Bronitt; L. David Brown; Marcel Bursztyn and Maria Beatriz Maury; Lawrence Cram; Ian Elsum; Holly J. Falk-Krzesinski; Fasihuddin; Howard Gadlin and L. Michelle Bennett; Budi Haryanto; Julie Thompson Klein; Ted Lefroy; Catherine Lyall; M. Duane Nellis; Linda Neuhauser; Deborah O'Connell with Damien Farine, Michael O'Connor and Michael Dunlop; Michael O'Rourke; Christian Pohl; Merritt Polk; Alison Ritter; Alice Roughley; Michael Smithson; Daniel Walker; Michael Wesley; and Glenn Withers. These begin a process of appraisal, discussion and debate across diverse networks.

A different kind of politics for a new kind of society--beyond work, scarcity and capitalism In the twenty-first century, new technologies should liberate us from work. Automation, rather than undermining an economy built on full employment, is instead the path to a world of liberty, luxury and happiness—for everyone. Technological advance will reduce the value of commodities—food, healthcare and housing—towards zero. Improvements in renewable energies will make fossil fuels a thing of the past. Asteroids will be mined for essential minerals. Genetic editing and synthetic biology will prolong life, virtually eliminate disease and provide meat without animals. New horizons beckon. In Fully Automated Luxury Communism, Aaron Bastani conjures a vision of extraordinary hope, showing how we move to energy abundance, feed a world of 9 billion, overcome work, transcend the limits of biology, and establish meaningful freedom for everyone. Rather than a final destination, such a society merely heralds the real beginning of history.

Whether you're discovering printmaking for the first time or you're looking for fresh ideas to reinvigorate your practice, you'll find plenty of inspiration in The Printmaking Ideas Book. From traditional methods such as screenprinting, etching and lithography to contemporary techniques such as risography and digital collage, this book is packed with new ideas, methods and tips on every page. Brimming with experimental, arresting and beautiful examples of printmaking from all over the world, it will take your creativity further and awaken new ideas.

A proven-to-work tool kit for motivating adolescent learners! Combining commonsense advice with social/behavioral psychology, this engaging book provides a comprehensive look at how adolescents learn and offers activities to inspire greater student interest and participation. The authors encourage you to create a vision statement for what you want to accomplish and provide the right tools to help you succeed. The book shows how to modify your instructional program by using: Three components of motivation Specific classroom management strategies Proven, brain-compatible activities that boost students' academic, research, metacognitive, and social skills Steps to boost learners' study skills Technology to support instruction

Exploring the prospects for a more humane metropolis through a series of essays and case studies that consider why and how urban places can be made greener and more amenable, this book examines topics such as urban and regional greenspaces, urban ecological restoration, social equity, and green design.

Of the thousands of novel compounds that a drug discovery project team invents and that bind to the therapeutic target, typically only a fraction of these have sufficient ADME/Tox properties to become a drug product. Understanding ADME/Tox is critical for all drug researchers, owing to its increasing importance in advancing high quality candidates to clinical studies and the processes of drug discovery. If the properties are weak, the candidate will have a high risk of failure or be less desirable as a drug product. This book is a tool and resource for scientists engaged in, or preparing for, the selection and optimization process. The authors describe how properties affect in vivo pharmacological activity and impact in vitro assays. Individual drug-like properties are discussed from a practical point of view, such as solubility, permeability and metabolic stability, with regard to fundamental understanding, applications of property data in drug discovery and examples of structural modifications that have achieved improved property performance. The authors also review various methods for the screening (high throughput), diagnosis (medium throughput) and in-depth (low throughput) analysis of drug properties. * Serves as an essential working handbook aimed at scientists and students in medicinal chemistry * Provides practical, step-by-step guidance on property fundamentals, effects, structure-property relationships, and structure modification strategies * Discusses improvements in pharmacokinetics

from a practical chemist's standpoint

Monthly magazine devoted to topics of general scientific interest.

Tony Attwood's guide will assist parents and professionals with the identification, treatment and care of both children and adults with Asperger's Syndrome. The book provides a description and analysis of the unusual characteristics of the syndrome and practical strategies to reduce those that are most conspicuous or debilitating. Beginning with a chapter on diagnosis, including an assessment test, the book covers all aspects of the syndrome from language to social behaviour and motor clumsiness, concluding with a chapter based on the questions most frequently asked by those who come into contact with individuals with this syndrome. Covering the available literature in full, this guide brings together the most relevant and useful information on Asperger's Syndrome, incorporating case studies from the author's own practical experience as a Clinical Psychologist, with examples of, and numerous quotations from people with Asperger's Syndrome.

A wise, sensitive novel about Russia, exile, family, love, history and fate, this work asks what people owe the place they were born, and in return, what it owes them. A New York Times Editors' Choice, named a Best Book of 2018 by Bookforum, Nylon, Esquire, and Vulture.

Provides a thematically integrated analysis and discussion of neuroethical questions about memory capacity, content, and interventions.

Presents a multifaceted model of understanding, which is based on the premise that people can demonstrate understanding in a variety of ways.

In 2011, the international community watched as citizens mobilized through the Internet and digital media to topple three of the world's most entrenched dictators: Ben Ali in Tunisia, Mubarak in Egypt, and Qaddafi in Libya. This book examines not only the unexpected evolution of events during the Arab Spring, but the longer history of desperate-and creative-digital activism through the Arab world.

Reviewing the breadth of current knowledge on schizophrenia, this handbook provides clear, practical guidelines for effective assessment and treatment in diverse contexts. Leading authorities have contributed 61 concise chapters on all aspects of the disorder and its clinical management. In lieu of exhaustive literature reviews, each chapter summarizes the state of the science; highlights key points the busy practitioner needs to know; and lists recommended resources, including seminal research studies, invaluable clinical tools, and more. Comprehensive, authoritative, and timely, the volume will enable professionals in any setting to better understand and help their patients or clients with severe mental illness.

Aims to help those who organise music events so that the events run safely. Provides information needed by event organisers, their contractors and employees to help them satisfy the requirements of the Health and Safety at Work etc Act 1974 and associated regulations. It will also enable organisers to understand the needs of others concerned with events, such as the local authority and emergency services, with whom they will need to co-operate. Contains 33 chapters covering different types of venue, site provisions and facilities needed, management issues, relevant legislation.

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