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KEY=PRACTICE - DUKE BURKE

Language Arts: Pearson New International Edition PDF eBook

Patterns of Practice

Pearson Higher Ed This exceptionally applied, best-selling text models proven effective language arts instruction. Revised with an eye toward the major themes of differentiation, technology, assessment, and the use of the Common Core Standards for English Language Arts, the 8th edition of the market leading text Language Arts: Patterns of Practice better prepares teachers for effective language arts instruction. Retaining the rich classroom orientation, accessible writing style, and numerous features that have been the text's hallmark, the new edition also examines the changes in the field that are affecting teachers today.

Historical Painting Techniques, Materials, and Studio Practice

Preprints of a Symposium, University of Leiden, the Netherlands, 26–29 June 1995

Getty Publications Bridging the fields of conservation, art history, and museum curating, this volume contains the principal papers from an international symposium titled "Historical Painting Techniques, Materials, and Studio Practice" at the University of Leiden in Amsterdam, Netherlands, from June 26 to 29, 1995. The symposium—designed for art historians, conservators, conservation scientists, and museum curators worldwide—was organized by the Department of Art History at the University of Leiden and the Art History Department of the Central Research Laboratory for Objects of Art and Science in Amsterdam. Twenty-five contributors representing museums and conservation institutions throughout the world provide recent research on historical painting techniques, including wall painting and polychrome sculpture. Topics cover the latest art historical research and scientific analyses of original techniques and materials, as well as historical sources, such as medieval treatises and descriptions of painting techniques in historical literature. Chapters include the painting methods of Rembrandt and Vermeer, Dutch 17th-century landscape painting, wall paintings in English churches, Chinese paintings on paper and canvas, and Tibetan thangkas. Color plates and black-and-white photographs illustrate works from the Middle Ages to the 20th century.

The British Study Edition of the Urantia Papers Book [eReader PDF]

Tigran Aivazian The British Study Edition of the Urantia Papers is based on the standard SRT text, but uses the metric system and adds a critical apparatus of textual variants and study notes.

Fundamentals: Perspectives on the Art and Science of Canadian Nursing

Lippincott Williams & Wilkins Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. Master the unique, multi-faceted role of the Canadian nurse. Confidently embark on a lifelong learning journey and prepare for the daily realities of Canadian nursing practice this with comprehensive, Canadian-focused text. Developed specifically for your needs by talented Canadian students, practicing nurses, scholars, and educators, Fundamentals: Perspectives on the Art and Science of Canadian Nursing, 2nd Edition, delivers an integrated understanding of nursing fundamentals through a continuum that guides you from one chapter to the next and from learning to understanding. New! Inter-Professional Practice helps you achieve positive patient outcomes through effective collaboration with the healthcare team. New! Diversity Considerations alert you to important patient care considerations related to culture, sexuality, gender, economics, visible minorities, and religious beliefs. New! NCLEX®-style questions at the end of each chapter test your retention and ready you for success on your exams. Revised! Skills chapters familiarize you with a wide variety of advanced skills to broaden your clinical capabilities. Enhanced focus on LGBTQ-related considerations, demographic shifts in Canadian society, end-of-life/palliative care, substance abuse crises, and refugee communities helps you ensure confident care across diverse Canadian populations. Case Studies place chapter content in a realistic context for the most practical understanding. Think Boxes encourage critical thinking and challenge you to apply your knowledge to different situations. Through the Eyes features familiarize you with patients' perspectives to help you provide thoughtful and effective care interventions. Research equips you with the latest and most relevant Canadian healthcare findings based on clinical evidence. Critical Thinking Case Scenarios strengthen your clinical focus and critical thinking through real-life situations.

Creating Vibrant Art Lesson Plans

A Teacher's Sketchbook

Teachers College Press Writing lesson plans is often considered busywork, but it can be a useful path for discovering what's important about artmaking and teaching. This book shows teachers how to slow down, breathe, and linger over the process of unit and lesson plan writing to uncover how much this process can support them professionally, creatively, and personally. The user-friendly text offers guidance for selecting an art project for the unit and then zooms into the nitty-gritty of specific lesson plans, including how to identify materials for a project and how to construct classroom dialogue to help students develop ideas for their artwork. The text also considers standards, assessments, and extensions to other subject areas. Featuring accessible language, clear definitions, practical examples, and self-reflection prompts, this unique resource will help pre- and inservice teachers create lesson plans that are useful to their specific contexts and methods of teaching. "If you happen to be feeling weary, frustrated, or uninspired, this book sparks imagination, fuels hope, and gives you theories to support what you know needs to be done." —From the Foreword by P. Bruce Uhrmacher, Christy McConnell Moroye, and Bradley Conrad, educational researchers "Baxter invites us to slow down and consider the lesson plan as a creative catalyst to inspire our own artmaking, as well as a space to examine why and what we teach." —Lisa Hochtritt, Maryland Institute College of Art "An inspiring and playful resource that is much more rewarding than typical lesson planning. It will surely spark your imagination with every flip of the page." —Hailey Adlard, art educator, Parkland School District, PA

Effective Strategies for Teaching in K-8 Classrooms

SAGE Publications Featuring a wealth of reflection activities and connections to standards, this concise, easy-to-read teaching methods text equips students with the content knowledge and skills they need to become effective K-8 teachers. The book maximizes instructional flexibility, reflects current educational issues, highlights recent research, and models best pedagogical practices. Current and realistic examples, a section in each chapter on using technology in the classroom, and material on differentiating instruction for diverse learners—including students with special needs and English language learners—make this a must-have resource for any K-8 teacher.

Imagine Math 8

Dreaming Venice

Springer Nature This eighth volume of Imagine Math is different from all the previous ones. The reason is very clear: in the last two years, the world changed, and we still do not know what the world of tomorrow will look like. Difficult to make predictions. This volume has a subtitle Dreaming Venice. Venice, the dream city of dreams, that miraculous image of a city on water that resisted for hundreds of years, has become in the last two years truly unreachable. Many things tie this book to the previous ones. Once again, this volume also starts like Imagine Math 7, with a homage to the Italian artist Mimmo Paladino who created exclusively for the Imagine Math 8 volume a new series of ten original

and unique works of art dedicated to Piero della Francesca. Many artists, art historians, designers and musicians are involved in the new book, including Linda D. Henderson and Marco Pierini, Claudio Ambrosini and Davide Amodio. Space also for comics and mathematics in a Disney key. Many applications, from Origami to mathematical models for world hunger. Particular attention to classical and modern architecture, with Tullia Iori. As usual, the topics are treated in a way that is rigorous but captivating, detailed and full of evocations. This is an all-embracing look at the world of mathematics and culture.

Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity

Springer Nature Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity is a trans-disciplinary, collective, multimedia collaboration that critically uncovers the challenges and opportunities for transformational and innovative research and performance at the nexus of art, science and engineering. This book addresses a set of universal and timeless questions with a profound impact on the human condition: How do the creative arts and aesthetic experiences engage the brain and mind and promote innovation? How do arts-science collaborations employ aesthetics as a means of problem-solving and thereby create meaning? How can the creative arts and neuroscience advance understanding of individuality and social cognition, improve health and promote life-long learning? How are neurotechnologies changing science and artistic expression? How are the arts and citizen science innovating neuroscience studies, informal learning and outreach in the public sphere? Emerging from the 2016 and 2017 International Conferences on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity held in Cancun, Mexico and Valencia, Spain to explore these topics, this book intertwines disciplines and investigates not only their individual products—art and data—but also something more substantive and unique; the international pool of contributors reveals something larger about humanity by revealing the state of the art in collaboration between arts and sciences and providing an investigational roadmap projected from recent advances. Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity is written for academic researchers, professionals working in industrial and clinical centers, independent researchers and artists from the performing arts, and other readers interested in understanding emergent innovations at the nexus of art, science, engineering, medicine and the humanities. The book contains language, design features (illustrations, diagrams) to develop a conversational bridge between the disciplines involved supplemented by access to video, artistic presentations and the results of a hackathon from the MoBI conferences.

Perspectives in Performing Arts Medicine Practice

A Multidisciplinary Approach

Springer Nature Performing Arts Medicine (PAM) is a growing area of specialization within the performing arts field, which addresses the multi-faceted health and wellness of performing artists. This sub-discipline within performing arts is interdisciplinary in nature, involving the expertise of performing arts educators and researchers, physicians and other health professionals. This first of its kind text appeals to a very wide audience that includes performing arts clinical practitioners and health science researchers as well as performing arts pedagogues and performing arts students. The first part of the text gives the reader an overview of the field and discusses over-arching themes and issues in PAM. Part two presents an array of music and dance research involving primarily case studies that address significant issues of concern for performing artists and have implications for pedagogical practice. Part three provides research-based perspectives derived from professionals sharing their in-practice experiences. Finally, part four describes useful PAM models of implementation supporting the needs of performing artists in different settings. Written by experts in the field, Perspectives in Performing Arts Medicine Practice is a valuable resource for performing arts physicians, educators and researchers.

The Routledge Companion to Research in the Arts

Routledge The Routledge Companion to Research in the Arts is a major collection of new writings on research in the creative and performing arts by leading authorities from around the world. It provides theoretical and practical approaches to identifying, structuring and resolving some of the key issues in the debate about the nature of research in the arts which have surfaced during the establishment of this subject over the last decade. Contributions are located in the contemporary intellectual environment of research in the arts, and more widely in the universities, in the strategic and political environment of national research funding, and in the international environment of trans-national cooperation and communication. The book is divided into three principal sections - Foundations, Voices and Contexts - each with an introduction from the editors highlighting the main issues, agreements and debates in each section. The Routledge Companion to Research in the Arts addresses a wide variety of concepts and issues, including: the diversity of views on what constitutes arts-based research and scholarship, what it should be, and its potential contribution the trans-national communication difficulties arising from terminological and ontological differences in arts-based research traditional and non-traditional concepts of knowledge, their relationship to professional practice, and their outcomes and audiences a consideration of the role of written, spoken and artefact-based languages in the

formation and communication of understandings. This comprehensive collection makes an original and significant contribution to the field of arts-based research by setting down a framework for addressing these, and other, topical issues. It will be essential reading for research managers and policy-makers in research councils and universities, as well as individual researchers, research supervisors and doctoral candidates.

Concerning the Spiritual in Art

Library of Alexandria

The Art of Enterprise Information Architecture

A Systems-Based Approach for Unlocking Business Insight, Portable Documents

Pearson Education Architecture for the Intelligent Enterprise: Powerful New Ways to Maximize the Real-time Value of Information Tomorrow's winning "Intelligent Enterprises" will bring together far more diverse sources of data, analyze it in more powerful ways, and deliver immediate insight to decision-makers throughout the organization. Today, however, most companies fail to apply the information they already have, while struggling with the complexity and costs of their existing information environments. In this book, a team of IBM's leading information management experts guide you on a journey that will take you from where you are today toward becoming an "Intelligent Enterprise." Drawing on their extensive experience working with enterprise clients, the authors present a new, information-centric approach to architecture and powerful new models that will benefit any organization. Using these strategies and models, companies can systematically unlock the business value of information by delivering actionable, real-time information in context to enable better decision-making throughout the enterprise—from the "shop floor" to the "top floor." Coverage Includes Highlighting the importance of Dynamic Warehousing Defining your Enterprise Information Architecture from conceptual, logical, component, and operational views Using information architecture principles to integrate and rationalize your IT investments, from Cloud Computing to Information Service Lifecycle Management Applying enterprise Master Data Management (MDM) to bolster business functions, ranging from compliance and risk management to marketing and product management Implementing more effective business intelligence and business performance optimization, governance, and security systems and processes Understanding "Information as a Service" and "Info 2.0," the information delivery side of Web 2.0

The Art of South and Southeast Asia

A Resource for Educators

Metropolitan Museum of Art Presents works of art selected from the South and Southeast Asian and Islamic collection of The Metropolitan Museum of Art, lessons plans, and classroom activities.

Management and the Arts

CRC Press Management and the Arts, Fourth Edition provides you with theory and practical applications from all management perspectives including planning, marketing, finance, economics, organizational, staffing, and group dynamics ALL related to an arts organization. Whether you are a manager in a theatre, museum, dance company, or opera, you will gain useful insights into management. Topics written especially to help you with your management skills include: * How arts organizations and management evolved * The theories and processes behind strategic planning and decision making * Organizing and organizational design * Staffing and personal relations * The tools and techniques available from communicating effectively and keeping track of information * Budgeting, fundraising, and financial management * Integrating various management theories and practical applications * How to work effectively with boards * Sections on e-marketing and Web marketing * Includes: case studies, statistics, career, and financial information Revised to reflect the latest thinking and trends in managing organizations and people, **Management and the Arts, Fourth Edition** features class-tested questions in each chapter, which help you to integrate the material and develop ideas as to how the situations and problems could have been handled. Case studies focus on the challenges facing managers and organizations every day, and "In The News quotes give you real-world examples of principles and theories. Developing career skills and options, graduate and postgraduate training opportunities, and professional organizations and conferences are highlighted.

The Engaging Museum

Developing Museums for Visitor Involvement

Routledge This very practical book guides museums on how to create the highest quality experience possible for their visitors. Creating an environment that supports visitor engagement with collections means examining every stage of the visit, from the initial impetus to go to a particular institution, to front-of-house management, interpretive approach and qualitative analysis afterwards. This holistic approach will be immensely helpful to museums in meeting the needs and expectations of visitors and building their audience. This book features: includes chapter introductions and discussion sections supporting case studies to show how ideas are put into practice a lavish selection of tables, figures and plates to support and illustrate the discussion boxes showing ideas, models and planning suggestions to guide development an up-to-date bibliography of landmark research. The Engaging Museum offers a set of principles that can be adapted to any museum in any location and will be a valuable resource for institutions of every shape and size, as well as a vital addition to the reading lists of museum studies students.

Feed and Feeding Practices in Aquaculture

Woodhead Publishing Feed and Feeding Practices in Aquaculture, Second Edition continues to play an important role in the successful production of fish and other seafood for human consumption. This is an excellent resource for understanding the key properties of feeds for aquaculture, advances in feed formulation and manufacturing techniques, and the practicalities of feeding systems and strategies. Many new updates have been integrated to reflect recent advances within the market, including special emphasis on up-and-coming trends and new technologies on monitoring fish feeding patterns, making this book useful for anyone working in R&D in the production of feed, as well as nutritionists, farm owners and technicians, and academics/postgraduate students with a research interest in the area. Includes new research information on using feed to enhance the sensory qualities of fish Presents the latest research in aquafeed and processing Provides the latest information on regulatory issues regarding feed and fish health

The Law and Practice of the International Criminal Court

OUP Oxford Some parts of this publication are open access, available under the terms of a CC BY-NC-ND 4.0 International licence. Chapters 2, 4, 10, 47 and 49 are offered as a free PDF download from OUP and selected open access locations. The International Criminal Court is a controversial and important body within international law; one that is significantly growing in importance, particularly as other international criminal tribunals close down. After a decade of Court practice, this book takes stock of the activities of the International Criminal Court, identifying the key issues in need of re-thinking or potential reform. It provides a systematic and in-depth thematic account of the law and practice of the Court, including its changes context, the challenges it faces, and its overall contribution to international criminal law. The book is written by over forty leading practitioners and scholars from both inside and outside the Court. They provide an unparalleled insight into the Court as an institution, its jurisprudence, the impact of its activities, and its future development. The work addresses the ways in which the practice of the International Criminal Court has emerged, and identifies ways in which this practice could be refined or improved in future cases. The book is organised along six key themes: (i) the context of International Criminal Court investigations and prosecutions; (ii) the relationship of the Court to domestic jurisdictions; (iii) prosecutorial policy and practice; (iv) the applicable law; (v) fairness and expeditiousness of proceedings; and (vi) its impact and lessons learned. It shows the ways in which the Court has offered fresh perspectives on the theorization and conception of crimes, charges and individual criminal responsibility. It examines the procedural framework of the Court, including the functioning of different stages of proceedings. The Court's decisions have significant repercussions: on domestic law, criminal theory, and the law of other international courts and tribunals. In this context, the book assesses the extent to which specific approaches and assumptions, both positive and negative, regarding the potential impact of the Court are in need of re-thinking. This book will be essential reading for practitioners, scholars, and students of international criminal law.

Strengthening Forensic Science in the United States

A Path Forward

National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable

best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Computational Solutions for Knowledge, Art, and Entertainment: Information Exchange Beyond Text

Information Exchange Beyond Text

IGI Global As interactive application software such as apps, installations, and multimedia presentations have become pervasive in everyday life, more and more computer scientists, engineers, and technology experts acknowledge the influence that exists beyond visual explanations. *Computational Solutions for Knowledge, Art, and Entertainment: Information Exchange Beyond Text* focuses on the methods of depicting knowledge-based concepts in order to assert power beyond a visual explanation of scientific and computational notions. This book combines formal descriptions with graphical presentations and encourages readers to interact by creating visual solutions for science-related concepts and presenting data. This reference is essential for researchers, computer scientists, and academics focusing on the integration of science, technology, computing, art, and mathematics for visual problem solving.

Management and the Arts, 3rd ed.

Taylor & Francis Revised to reflect the latest thinking and trends in managing organizations and people, *Management and the Arts, Third Edition* provides the reader with the practical tools necessary to manage an arts organization. The class-tested questions in each chapter help the reader to integrate the material and develop ideas as to how the situations and problems could have been handled. New case studies focus on the challenges facing managers and organizations every day, and new "In The News" quotes give the reader real-world examples of principles and theories. A new chapter focuses on developing career skills and options. Graduate school options and postgraduate training opportunities are discussed and professional organizations and conferences are highlighted.

Creative Arts Research

Narratives of Methodologies and Practices

BRILL *Creative Arts Research: Narratives of Methodologies and Practices* is an innovative set of essays that grows out of active engagement with arts practice, pedagogy and research. The collection presents a selection of arts-based research projects, their methodologies, practices and guiding philosophies, and throws new light on a range of issues that bring artists, designers, and performers into conversation with one another.

State of the Art Evaluation of the Head and Neck, An Issue of Neuroimaging Clinics of North America EBook

Elsevier Health Sciences This issue of *Neuroimaging Clinics of North America* focuses on *State of the Art Evaluation of the Head and Neck* and is edited by Dr. Ashok Srinivasan. Articles will include: Diffusion MR in the head and neck: Principles and applications; Perfusion imaging in the head and neck: Go with the flow; MR spectroscopy of the head and neck: Principles, applications and challenges; Technological improvements in head and neck MR: At the cutting edge; Dual Energy CT in head and neck imaging: Pushing the envelope; Role of Ultrasound in head and neck evaluation; PET imaging in the head and neck: Current state and future directions; Patient centric head and neck cancer radiation therapy: Role of advanced imaging; AI in head and neck imaging: Glimpse into the future; NIRADS: Principles and implementation; Common data elements in head and neck reporting; and more!

The Oxford Handbook of Sport and Performance Psychology

Oxford University Press *The Oxford Handbook of Sport and Performance Psychology* includes the latest research and applied perspectives from leaders in the field of performance psychology. Current and comprehensive, this foundational volume presents sport and performance psychology from myriad perspectives, including: - individual psychological processes in performance such as attention, imagery, superior performance intelligence, motivation, anxiety, confidence, cognition and emotion - the social psychological processes in performance including leadership, teamwork, coaching, relationships, moral behavior, and gender and cultural issues - human development issues in performance, such as the development of talent and expertise, positive youth development, the role of the family, end of involvement transitions, and both youth and masters-level sport and physical activity programs - interventions in

sport and performance psychology and counseling of performers in distress including such important issues for all performers as: appearance- and performance-enhancing drug use, injuries, managing pain, eating and weight issues, burnout, and the role of physical activity in maintaining health. The chapters collected here also cover the history of sport and performance psychology; the scope and nature of the field; ethical issues in sport and performance psychology; performance psychology in the performing arts and other non-sporting fields; perfectionism and performance; the role of the performance coach and of the sport psychologist with a coach and team; supervision; and a look ahead to the future of the field.

The Art of Hernia Surgery

A Step-by-Step Guide

Springer This book is a comprehensive guide to the surgical repair of inguinal and abdominal wall hernias that not only describes all potential approaches, but also places them in the context of the anatomy of the region, the pathology, and the advances in scientific knowledge over the past decade. It documents in detail the individual techniques applicable in each region (inguinal, femoral, and ventral), highlighting tips and tricks and focusing on indications, potential complications, and outcomes. In addition, it presents cases of incisional hernia and examines less frequent and rare cases and complex situations. Written for surgeons from around the globe, it includes procedures used in wealthy, developed countries and those without mesh more commonly employed in developing countries. With a format designed to facilitate use in daily practice, it is invaluable for residents seeking step-by-step guidance on procedures ranging from repair of simple inguinal hernias to complex reconstruction; for general surgeons who frequently perform hernia repairs; and for hernia specialists aiming to achieve optimal results. It also appeals to researchers with an interest in the scientific background to hernia surgery.

Feminist Practices

Interdisciplinary Approaches to Women in Architecture

Routledge Women continue to be extremely under-represented in the architectural profession. Despite equal numbers of male and female students entering architectural studies, there is at least 17-25% attrition of female students and not all remaining become practicing architects. In both the academic and the professional fields of architecture, positions of power and authority are almost entirely male, and as such, the profession is defined by a heterosexual, Eurasian male perspective. This book argues that it is vital for all architectural students and practitioners to be exposed to a diversity of contemporary architectural practices, as this might provide a first step into broadening awareness and transforming architectural engagement. It considers the relationships between feminist methodologies and the various approaches toward design and their impact upon our understanding and relationship to the built environment. In doing so, this collection challenges two conventional ideas: firstly, the definition of architecture and secondly, what constitutes a feminist practice. This collection of up-and-coming female architects and designers use a wide range of local and global examples of their work to question different aspects of these two conventional ideas. While focusing on feminist perspectives, the book offers insights into many different issues, concerns and interpretations of architecture, proposing through these types of engagement, architecture can become more culturally, politically and environmentally relevant. This 'next generation' of architects claim feminism as their own and through doing so, help define what feminism means and how it is evolving in the 21st century.

Art Fundamentals

Theory & Practice

McGraw-Hill Humanities, Social Sciences & World Languages An introduction to the elements of art, including form, line, shape, value, texture, color, space, and content and style.

Engaging Teachers in Classroom Walkthroughs

ASCD Engaging Teachers in Classroom Walkthroughs is a practical guide to planning and implementing brief but focused classroom observations that involves teachers in every step of the process. Drawing from their study of 40 schools in the United States and Canada, the authors show how administrators and teacher leaders moved teachers from resisting to embracing the practice. Readers will learn how to Foster a school culture that supports walkthroughs. Implement the components of successful walkthroughs, such as focus and "look-fors," data collection methods, and meaningful follow-up strategies. Get all teachers involved and actively participating. * Evaluate the walkthrough process and measure its effectiveness. Use walkthroughs to support professional development related to the Common Core State Standards. This book demonstrates that when teachers learn from one another in a cycle of continuous professional growth—through observation, shared inquiry, dialogue, and follow-up—they develop a sense of collegiality and a common mission. By opening their doors to their peers, they also contribute to broader school improvement

efforts that positively affect teaching and learning throughout the school.

Mathematics and Art

A Cultural History

Princeton University Press This is a cultural history of mathematics and art, from antiquity to the present. Mathematicians and artists have long been on a quest to understand the physical world they see before them and the abstract objects they know by thought alone. Taking readers on a tour of the practice of mathematics and the philosophical ideas that drive the discipline, Lynn Gamwell points out the important ways mathematical concepts have been expressed by artists. Sumptuous illustrations of artworks and cogent math diagrams are featured in Gamwell's comprehensive exploration. Gamwell begins by describing mathematics from antiquity to the Enlightenment, including Greek, Islamic, and Asian mathematics. Then focusing on modern culture, Gamwell traces mathematicians' search for the foundations of their science, such as David Hilbert's conception of mathematics as an arrangement of meaning-free signs, as well as artists' search for the essence of their craft, such as Aleksandr Rodchenko's monochrome paintings. She shows that self-reflection is inherent to the practice of both modern mathematics and art, and that this introspection points to a deep resonance between the two fields: Kurt Gödel posed questions about the nature of mathematics in the language of mathematics and Jasper Johns asked "What is art?" in the vocabulary of art. Throughout, Gamwell describes the personalities and cultural environments of a multitude of mathematicians and artists, from Gottlob Frege and Benoît Mandelbrot to Max Bill and Xu Bing. *Mathematics and Art* demonstrates how mathematical ideas are embodied in the visual arts and will enlighten all who are interested in the complex intellectual pursuits, personalities, and cultural settings that connect these vast disciplines.

Transforming K-12 Classrooms with Digital Technology

IGI Global "This book brings together research and practices regarding digital and social technology integration in the K-12 classroom, sharing practical and conceptual aspects of using digital and social technologies as tools for transforming K-12 learning environments"--

Debates in Art and Design Education

Routledge *Debates in Art and Design Education* encourages student and practising teachers to engage with contemporary issues and developments in learning and teaching. This fully updated second edition introduces key issues, concepts and tensions in order to help art educators develop a critical approach to their practice in response to the changing fields of education and visual culture. Accessible, comprehensive chapters are designed to stimulate thinking and understanding in relation to theory and practice, and help art educators to make informed judgements by arguing from a position based on theoretical knowledge and understanding. Contributing artists, lecturers and teachers debate a wide range of issues including: the latest policy and initiatives in secondary art education the concepts, skills and dispositions that can be developed through art education tensions inherent in developing the inclusive Art and Design classroom citizenship education within Art and Design teaching new practices in community arts education examining 'whiteness' in the sector *Debates in Art and Design Education* is for all student and practising teachers interested in furthering their understanding of an exciting, ever-changing field, and supports art educators in articulating how the subject is a vital, engaging and necessary part of the twenty-first century curriculum.

Sound Art

Concepts and Practices

Routledge *Sound Art* offers the first comprehensive introduction to sound art written for undergraduate students. Bridging and blending aspects of the visual and sonic arts, modern sound art first emerged in the early 20th century and has grown into a thriving and varied field. In 13 thematic chapters, this book enables students to clearly grasp both the concepts behind this unique area of art, and its history and practice. Each chapter begins with an exploration of key ideas and theories, followed by an in-depth discussion of selected relevant works, both classic and current. Drawing on a broad, diverse range of examples, and firmly interdisciplinary, this book will be essential reading for anyone studying or teaching the theory, history, appreciation, or practice of sound art.

Complex Symmetries

Springer Nature This volume is a collection of essays on complex symmetries. It is curated, emphasizing the analysis of the symmetries, not the various phenomena that display those symmetries themselves. With this, the volume provides insight to nonspecialist readers into how individual simple symmetries constitute complex symmetry. The authors and the topics cover many different disciplines in various sciences and arts. Simple symmetries, such as reflection, rotation, translation, similitude, and a few other simple manifestations of the phenomenon, are all around, and we are aware of them in our everyday lives. However, there are myriads of complex symmetries (composed of a bulk of simple

symmetries) as well. For example, the well-known helix represents the combination of translational and rotational symmetry. Nature produces a great variety of such complex symmetries. So do the arts. The contributions in this volume analyse selected examples (not limited to geometric symmetries). These include physical symmetries, functional (meaning not morphological) symmetries, such as symmetries in the construction of the genetic code, symmetries in human perception (e.g., in geometry education as well as in constructing physical theories), symmetries in fractal structures and structural morphology, including quasicrystal and fullerene structures in stable bindings and their applications in crystallography and architectural design, as well as color symmetries in the arts. The volume is rounded off with beautiful illustrations and presents a fascinating panorama of this interdisciplinary topic.

Healing Through the Arts for Non-Clinical Practitioners

IGI Global Time and time again the arts have been called on to provide respite and relief from fear, anxiety, and pain in clinical medicinal practices. As such, it is vital to explore how the use of the arts for emotional and mental healing can take place outside of the clinical realm. *Healing Through the Arts for Non-Clinical Practitioners* is an essential reference source that examines and describes arts-based interventions and experiences that support the healing process outside of the medical field. Featuring research on topics such as arts-based interventions and the use of writing, theatre, and embroidery as methods of healing, this book is ideally designed for academicians, non-clinical practitioners, educators, artists, and rehabilitation professionals.

Basic Geriatric Nursing - E-Book

Elsevier Health Sciences Prepare for a successful career in caring for geriatric populations with *Williams' Basic Geriatric Nursing, 6th Edition*. This easy-to-read bestseller includes the latest information on health care policy and insurance practices, and presents the theories and concepts of aging and appropriate nursing interventions with an emphasis on health promotion. Part of the popular LPN/LVN Threads series, it provides opportunities for enhanced learning with additional figures, an interactive new Study Guide on Evolve, and real-world clinical scenarios that help you apply concepts to practice. Complete coverage of key topics includes baby boomers and the impact of their aging on the health care system, therapeutic communication, cultural considerations, spiritual influences, evidence-based practice in geriatric nursing, and elder abuse, restraints, and ethical and legal issues in end-of-life care. Updated discussion of issues and trends includes demographic factors and economic, social, cultural, and family influences. Get Ready for the NCLEX® Examination! section at the end of each chapter includes key points along with new Review Questions for the NCLEX examination and critical thinking which may be used for individual, small group, or classroom review. UNIQUE! Streamlined coverage of nutrition and fluid balance integrates these essential topics. Delegation, leadership, and management content integrated throughout. Nursing Process sections provide a framework for the discussion of the nursing care of the elderly patient as related to specific disorders. Nursing Care Plans with critical thinking questions help in understanding how a care plan is developed, how to evaluate care of a patient, and how to apply knowledge to clinical scenarios. LPN/LVN Threads make learning easier, featuring an appropriate reading level, key terms with phonetic pronunciations and text page references, chapter objectives, special features boxes, and full-color art, photographs, and design. UNIQUE! Complementary and Alternative Therapies boxes address specific therapies commonly used by the geriatric population for health promotion and pain relief. Health Promotion boxes highlight health promotion, disease prevention, and age-specific interventions. Home Health Considerations boxes provide information on home health care for the older adult. Coordinated Care boxes address such topics as restraints, elder abuse, and end-of-life care as related to responsibilities of nursing assistants and other health care workers who are supervised by LPN/LVNs. Clinical Situation boxes present patient scenarios with lessons for appropriate nursing care and patient sensitivity. Critical Thinking boxes help you to assimilate and synthesize information. 10th grade reading level makes learning easier.

Applying the Roper-Logan-Tierney Model in Practice - E-Book

Elsevier Health Sciences New edition of a successful textbook which demonstrates the theory and practice of one of the most popular models of nursing. Karen Holland, Jane Jenkins and their colleagues carefully explain and explore how the Roper-Logan-Tierney Model can help today's student learn how to care for patients in a variety of health care contexts and use it as a framework for their nursing practice. Rich with 'real-life' case studies and thought provoking exercises, this book has a helpful problem solving approach which strongly encourages further learning and reflection. New edition of a successful textbook which explains the theory and practice of one of the most popular models of nursing Structured approach to a core range of 'activities of living' clearly illustrate how they interconnect and may be promoted, or compromised, by health and illness, and influenced by external factors Explains the theory to show how it can be applied in practice to assess, plan, deliver and evaluate individualised nursing care A helpful case study approach enables readers see how the model works in 'real life' Written by experts who actively encourage a problem-solving approach to nursing care and practice Additional exercises are designed to encourage further learning and reflective practice, as well as develop skills in literature searching and evidence-based care Helpful appendices include a range of reference material such as the Care Plan Documentation and Audit Tool, Laboratory Reference Values, the Roper-Logan Tierney Assessment Schedule and other commonly used nursing documentation Ideal for use in a variety

of contemporary health care delivery environments including the acute and community-based settings

Capstone Coach for Nursing Excellence

F.A. Davis Accelerate your transition to nursing success! Excel in your senior practicum, pass the NCLEX-RN® and flourish in your new nursing career. A streamlined, outline format, case studies, clinical alerts, and quick-reference tables ensure you easily master the knowledge, skills, and attitudes to succeed as an RN.

Impact Evaluation in Practice, Second Edition

World Bank Publications The second edition of the Impact Evaluation in Practice handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development.

Animating Expressive Characters for Social Interaction

John Benjamins Publishing Animated interactive characters and robots that are able to function in human social environments are being developed by a large number of research groups worldwide. Emotional expression, as a key element of human social interaction and communication, is often added in an attempt to make them appear more natural to us. How can such artefacts be given emotional displays that are believable and acceptable to humans? This is the central question of *Animating Expressive Characters for Social Interaction*. The ability to express and recognize emotions is a fundamental aspect of social interaction. Not only is it a central research question, it has been explored in animated films, dance, and other expressive arts for a much longer period. This book is unique in presenting a multi-disciplinary approach to animation in its broadest sense: from internal mechanisms to external displays, not only from a graphical perspective, but more generally examining how to give characters an "anima", so that they appear as life-like entities and social partners to humans. (Series B)

Code as Creative Medium

A Handbook for Computational Art and Design

MIT Press An essential guide for teaching and learning computational art and design: exercises, assignments, interviews, and more than 170 illustrations of creative work. This book is an essential resource for art educators and practitioners who want to explore code as a creative medium, and serves as a guide for computer scientists transitioning from STEM to STEAM in their syllabi or practice. It provides a collection of classic creative coding prompts and assignments, accompanied by annotated examples of both classic and contemporary projects, and more than 170 illustrations of creative work, and features a set of interviews with leading educators. Picking up where standard programming guides leave off, the authors highlight alternative programming pedagogies suitable for the art- and design-oriented classroom, including teaching approaches, resources, and community support structures.

Foundations of Digital Art and Design with the Adobe Creative Cloud

Pearson Education "Teaches art and design principles with references to contemporary digital art alongside basic digital tools in Adobe Creative Cloud"--Cover, page [4].