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U6NKYR - ODOM KYLEIGH

Take charge of your own nutrition and health with Boyle's PERSONAL NUTRITION, 11th Edition. Packed with the latest research, recommendations and emerging trends, this popular book equips you with a solid foundation in fundamental nutritional principles--as well as the expertise to make informed, healthy choices. Lively illustrations, photographs and examples bring chapter concepts to life, while features like The Savvy Diner and Eat Well, Be Well offer practical tips you can put into immediate practice. A Scorecard quiz in each chapter enables you to compare your knowledge and behavior to proven nutritional principles and guidelines. In addition, Spotlight features tie current research directly to chapter topics such as common digestive problems, eating disorders and the pros and cons of using supplements to enhance athletic performance. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

INCLUSIVE EARLY CHILDHOOD EDUCATION: DEVELOPMENT, RESOURCES, AND PRACTICE, Sixth Edition, is a comprehensive special education resource book that provides essential information on a variety of early childhood learning disabilities, as well as strategies for including children with these special needs in regular educational settings. The author provides students with a solid grounding in theory and research, as well as practical guidelines, real-world vignettes, and hands-on program planning assistance to prepare them to integrate children with learning disabilities into their classrooms. Updated throughout, this edition also introduces videos that are available for viewing at the Early Childhood Education Media Library, allowing students to see text concepts brought to life in real classroom settings. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Focus on critical contemporary issues as you examine engineering design and technologies within the context of models for managing systems' sustainability with ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DESIGN, 2nd Edition. This best-selling invaluable resource, specifically designed for those studying engineering or applied environmental science, is updated with the latest developments and current, relevant case studies from across the globe. You learn how to incorporate sustainable practices into engineering design process, technological systems and the built environment. Expanded active learning exercises for each chapter guide you in applying theory to real situations. New chapters address developing issues and help bring sustainability science, environmental impact analysis and models of sustainability in engineering practice to the forefront. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

CREATIVE ACTIVITIES AND CURRICULUM FOR YOUNG CHILDREN, Twelfth Edition, is written for anyone who wants to deepen their understanding of creative and aesthetic development, the importance of arts experiences in childhood, supporting creativity in children, expanding creative approaches to teaching and integrating creativity across the curriculum. Whether you're an early childhood teacher, caregiver or administrator or a pre-service or in-service pre-K to Grade 5 teacher, this text is an invaluable resource you can turn to again and again. Covering a wide range of content areas encountered in early childhood and elementary classrooms, the text promotes creativity in children and encourages you to exercise your own creativity. The research-based theoretical foundation is applied through hundreds of practical activities. Updated throughout, the Twelfth Edition features research into theories of brain development and their application to daily practice, new topics in the Spotlight and Think About It features, recommendations for children's books that support activities and exploration and current information regarding the use of digital technology. The authors have more thoroughly integrated culturally responsive practice throughout the text, including broader consideration of how to accommodate and adapt activities and experiences for children with special needs or non-typical development. In addition, chapters have been reorganized to reflect a more natural sequence of topics to help you master even complex concepts more readily. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

SCIENCE STORIES helps teachers build their own instructional knowledge through the use of narratives about science in real-world classrooms that demonstrate important content, learning, and strategies in action. Expanding Meanings sections following the stories highlight the applicable Teaching Ideas, Science Ideas, and Science Standards. Author Janice Koch's constructivist approach guides teachers in the discovery and exploration of their scientific selves so that they can learn from students' experiences and become effective scientific explorers in their own classrooms. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

ENVIRONMENTAL ETHICS, 7th Edition presents the main issues in environmental ethics using a diverse set of readings arranged in dialogue format. The seventh edition of this popular anthology features selections from contemporary authors as well as readings from classic writers, all chosen for their clarity and accessibility. By exploring both sides of every topic, this edition helps students quickly grasp each subject and move from theory to application. Making this textbook even more enjoyable to read include new sections on Environmental Justice, Climate Change, Food Ethics, Nature and Naturalness, Sustainability, Population and Consumption, Future Generations, and Holism. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The quest for a natural law that can be applied to a digital society may sound like an oxymoron, but it is a necessary quest if we hope to institute a "Digital New Deal": Hence the title of this book. Today once again, mass media is disrupting society, much as radio and cinema were used to buttress totalitarianism in the 1920s ... or even worse, in the 15th century, when the printing of the Bible unleashed 100 years of war, plague and instability. Things get messy when people disagree on facts rather than ideas. Natural law springs from the features of the physical world, which contains boundaries (an inside and an outside), limited resources, living individuals, objects, living animals, living plants, climate, the four elements, etc. None of this is a given in the digital world, which looks today like feudalism in a box, with (fire)walled communities run by unelected autocrats (system administrators) ruling over countless subjects, whose identities are tied to the domain of the (fire)walled community and whose rights can only be enforced by the autocratic system administrator. This dystopic

reality is neither necessary nor inevitable. It is the consequence of bad technical design and inappropriate business models, which are destroying the spirit of free pluralism that enabled them to thrive in the first place. Information technology has its own ontology and "natural" rules, and we must understand them and learn to regard them as being among the founding legal principles of our free, open, pluralistic societies. Of the 12 founding digital principles addressed here, the most important may well be that we must each own and control our digital identities. In the world created by information technology, everyone and everything should possess a UID, a unique identifier. Without one, we are just helpless particles lost in a dark and hostile universe.

MASTERING COMPETENCIES IN FAMILY THERAPY: A PRACTICAL APPROACH TO THEORY AND CLINICAL CASE DOCUMENTATION, 3rd Edition enables faculty to easily measure clinical competencies as required by accrediting bodies for counseling, family therapy, psychology, and social work. Using an inviting and engaging tone, Diane R. Gehart introduces students to family therapy theories using real-world clinical forms, which are incorporated into the text. Diversity and research considerations are integrated into theoretical discussions and practical applications to facilitate a more holistic understanding of couple and family therapy. Updated throughout, this edition includes new and revised treatment forms; a new model based on the work of Karl Tomm that facilitates cross-theoretical comparison; coverage of two new theories (integrative behavioral couple's theory, a leading evidence-based treatment; and intensive structural therapy); and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Discover the diverse range of practice settings and opportunities available to you as a community and public health nutritionist with COMMUNITY NUTRITION IN ACTION, 8th Edition! The book provides easy-to-understand coverage of program planning, policymaking, and nutrition issues specific to community and public health. Using this innovative book, you'll develop the skills you need to achieve cultural competency, address health disparities, try new technologies, and use fresh approaches to improving the public's nutrition and health status. You'll also master the knowledge and skills you'll need in practice as you seek to solve population health problems, relating to media advocacy, telehealth, nutrition education, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

MATH AND SCIENCE FOR YOUNG CHILDREN, Eighth Edition, introduces readers to engaging math and science experiences for early childhood and early elementary education programs, and provides an organized, sequential approach to creating a developmentally appropriate math and science curriculum. The content aligns with key guidelines and standards: The National Association for the Education of Young Children's (NAEYC) Professional Preparation Standards (2010); Developmentally Appropriate Practice (DAP) guidelines; Common Core Mathematics Standards; and Next Generation Science Standards (NGSS). The book also addresses STEM/STEAM and the essential domains of child growth and development during the crucial birth-through-eight age range. A valuable resource for the student/future teacher, working professional, or involved parent, MATH AND SCIENCE FOR YOUNG CHILDREN emphasizes the interrelatedness of math and science and how they can be integrated into all other curriculum areas. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"Inspiring people to care about the planet." In the new edition of ESSENTIALS OF ECOLOGY, authors Tyler Miller and Scott Spoolman have partnered with the National Geographic Society to develop a text designed to equip students with the inspiration and knowledge they need to make a difference solving today's environmental issues. Exclusive content highlights important work of National Geographic Explorers, and features over 100 new photos, maps, and illustrations that bring course concepts to life. Using sustainability as the integrating theme, ESSENTIALS OF ECOLOGY 7e, covers scientific principles and concepts, ecosystems, evolution, biodiversity, population ecology, and more. In addition to the integration of new and engaging National Geographic content, every chapter has been thoroughly updated and 6 new Core Case Studies offer current examples of environmental problems and scenarios for potential solutions. The concept-centered approach used in the text transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be and their important role in shaping it. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Community Practice and Urban Youth is for graduate level students in fields that offer youth studies and community practice courses. Practitioners in these fields, too, will find the book particularly useful in furthering the integration of social justice as a conceptual and philosophical foundation. The use of food, environmental justice, and immigrant-rights and the book's focus on service-learning and civic engagement involving these three topics offers an innovative approach for courses.

UNDERSTANDING HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT, 11th Edition, looks at the lifespan through the lens of social work theory and practice, covering human development and behavior theories within the context of individual, family, group, organizational, and community systems. Using a chronological lifespan approach, the book presents separate chapters on biological, psychological, and social impacts at the different lifespan stages with an emphasis on strengths and empowerment. Part of the Brooks/Cole Empowerment Series, this edition is up to date and thoroughly integrates the core competencies and recommended behaviors outlined in the current Educational Policy and Accreditation Standards (EPAS) set by the Council on Social Work Education (CSWE). Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Inspiring people to care about the planet. This online-only edition of ESSENTIALS OF ECOLOGY, 8E, brings you the inspiration and knowledge you need to make a difference in solving today's environmental issues. MindTap Environmental Science for Miller/Spoolman's ESSENTIALS OF ECOLOGY, 8th Edition, helps you learn on your terms. INSTANT ACCESS IN YOUR POCKET. Take advantage of the MindTap Mobile App to learn on your terms. Read or listen to textbooks and study with the aid of instructor notifications, flashcards, and practice quizzes. MINDTAP HELPS YOU CREATE YOUR OWN POTENTIAL. GEAR UP FOR ULTIMATE SUCCESS. Track your scores and stay motivated toward your goals. Whether you have more work to do or are ahead of the curve, you'll know where you need to

focus your efforts. And the MindTap Green Dot P™ will charge your confidence along the way. MIND-TAP HELPS YOU OWN YOUR PROGRESS. MAKE YOUR TEXTBOOK YOURS. No one knows what works for you better than you. Highlight key text, add notes, and create custom flashcards. When it's time to study, everything you've flagged or noted can be gathered into a guide you can organize. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Water is at the core of all life on Earth and exists as one of the main components of the human body. Because water is essential to life, addressing water pollution and sustainability issues is of great concern to environmentalists and public health specialists alike. *Impact of Water Pollution on Human Health and Environmental Sustainability* highlights several important water-related issues and explores a number of potential solutions to the problem of water sustainability. Focusing on research-based perspectives on water availability, industrial and agricultural pollution, water contamination, and their impacts on the human population as well as the environment, this crucial publication is a necessary addition to academic and government libraries serving graduate-level students, environmental scientists, public health workers, policy makers, and legislators seeking the latest information on sustainable and contaminant-free water resources.

Fundamentals of US Health Care: Principles and Perspectives takes the broad, complex topic of health care in the United States and presents it in a digestible, easy-to-read format. Focusing on some of the fundamental issues facing the health care system today, this text delivers simple, objective coverage of key topics including cost, access, quality, financing, manpower, and public health. By blending current, factual data, basic principles, and multiple perspectives on controversial issues, the authors provide a balanced approach to the core issues facing the health care industry. Case studies and vignettes throughout the text allow readers to explore how current health care problems impact real-life situations and to hone their critical thinking skills for their future professional careers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Focused on and organized around environmental issues, this innovative new book helps you critically evaluate possible solutions to the environmental problems we now face. The authors outline specific environmental issues and provide the scientific background to enable you to understand each issue. In order to find and apply solutions to these problems, they help you see that the problems are not insurmountable and that something can be done to achieve a sustainable future. The modular chapters provide full descriptions of each of the major environmental problems with real stories about what people are doing to tackle the resulting challenges. Available with InfoTrac Student Collections <http://goengage.com/infotrac>. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This text for the one- or two-semester applied or business calculus course uses intriguing real-world applications to engage students' interest and show them the practical side of calculus. The book's many applications are related to finance, business, and such general-interest topics as learning curves in airplane production, the age of the Dead Sea Scrolls, Apple and Oracle stock prices, the distance traveled by sports cars, lives saved by seat belts, and the cost of a congressional victory. The Seventh Edition maintains the hallmark features that have made APPLIED CALCULUS so popular: contemporary and interesting applications (including many that are new or updated); careful and effective use of technology, including graphing calculator and spreadsheet coverage; constant pedagogical reinforcement through section summaries, chapter summaries, annotated examples, and extra practice problems; Just-in-Time algebra review material; and a variety of exercises and assignment options including Applied Exercises, Conceptual Exercises, and Explorations and Excursions. This edition also includes new content and features to help students get up to speed-and succeed-in the course, including a Diagnostic Test, an Algebra Review appendix, marginal notes that make connections with previous or future discussions, new learning prompts to direct students to examples or to the Algebra Review, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Today's workplace is a dynamic, ever-changing environment. Job security is a thing of the past, layoffs are common, and people change jobs and careers frequently. Students need to be prepared to adapt to the unexpected twists and turns they may face. *CREATING CAREER SUCCESS* helps students develop a self-directed, proactive, flexible plan to launch and manage their careers over the years to come, using the latest technological resources and job search strategies. Through a process of self-assessment, career exploration, and self-promotion students discover how to connect their skills, interests and values to a variety of possible careers, build relationships, and present themselves in the best possible light to potential employers. Most importantly, students are encouraged to keep their minds and options open, and to engage themselves fully in the career development process. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Inspiring people to care about the planet. In the new edition of *LIVING IN THE ENVIRONMENT*, authors Tyler Miller and Scott Spoolman have partnered with the National Geographic Society to develop a text designed to equip students with the inspiration and knowledge they need to make a difference solving today's environmental issues. Exclusive content highlights important work of National Geographic Explorers, and features over 200 new photos, maps, and illustrations that bring course concepts to life. Using sustainability as the integrating theme, *LIVING IN THE ENVIRONMENT 18e*, provides clear introductions to the multiple environmental problems that we face and balanced discussions to evaluate potential solutions. In addition to the integration of new and engaging National Geographic content, every chapter has been thoroughly updated and 18 new Core Case Studies offer current examples of present environmental problems and scenarios for potential solutions. The concept-centered approach used in the text transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be and their important role in shaping it. offers additional exclusive National Geographic content, including high-quality videos on important environmental problems and efforts being made to address them. Team up with Miller/Spoolman's, *LIVING IN THE ENVIRONMENT* and the National Geographic Society to offer your students the most inspiring introduction to environmental science available! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Prepare for the AP exam for Environmental Science effectively and efficiently with a diagnostic test, test taking strategies, and full-length practice exams with answer keys. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Thoughtful and comprehensive, *DEVELOPMENTALLY APPROPRIATE PRACTICE: CURRICULUM AND DEVELOPMENT IN EARLY EDUCATION*, 6th Edition, is designed to meet the needs of new early childhood students as well as experienced teachers, professionals, and parents. It provides an overview of the concepts and theoretical foundations of developmental practices and discusses the practical implications for teachers and caregivers. The text reflects the NAEYC position statement on Developmentally Appropriate Practice and includes content on aligning early childhood teaching practices

with national and state education standards, in addition to many student-oriented features and applications. Among other changes, this edition includes new integration of professional standards, model letters for communicating with families, real-world scenarios for practicing intentional decision-making, and the latest on brain research relevant to early education. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Stratigraphy allows us to establish and communicate the timings for the course of Earth history and provides the means to determine the duration and rates of Earth processes. *Deciphering Earth's History: the Practice of Stratigraphy* focuses on how to apply the wide spectrum of stratigraphical techniques. It also explains how these techniques can be integrated and details their individual strengths and limitations. Chapters are laid out in a step-by-step style, guiding the reader through a recommended approach and explaining the factors to be considered. The methods are illustrated with flow charts, marginal top tips, checklists, worked examples and over 200 figures. Authors from academia, research centres and industry have contributed to ensure a wide range of perspectives are included. In addition to chapters on each of the stratigraphical techniques there is also material on accounting for stratigraphical incompleteness, constructing geological timescales, handling and archiving stratigraphical data and the application of stratigraphy to space exploration and other disciplines. This book is designed for a wide audience ranging from advanced level undergraduates to professional practitioners wishing to use other stratigraphical techniques or understand the advantages and weaknesses of particular techniques.

The purpose of this Springer Brief is to provide a comprehensive review of both the STEBI methods and findings through the use of a clearly defined analytic framework. A systematic review of literature yielded 107 STEBI-A research items and 140 STEBI-B research items. The STEBI instruments have been used in a wide range of qualitative, cross sectional, longitudinal and experimental designs. Analysis of the findings of the papers reveals that in-service and pre-service programs that use innovative practices such as cooperative learning, inquiry based investigation and nature of science instruction can produce positive growth in participants' science teaching efficacy beliefs. The personal science teaching efficacy beliefs of pre-service and in-service teachers showed greater mean scores and higher growth than their outcome expectancies. Implications are discussed.

Take a unique look at today's Earth as you examine its natural processes, complex systems and the reciprocal relationship between people and Earth's natural environment. Written by three of today's most respected geographers, Petersen/Sack/Gabler's *PHYSICAL GEOGRAPHY*, 12E introduces geography from three perspectives: as a physical science, a spatial science and an environmental science. An intriguing, reader-friendly presentation demonstrates the processes and interactions among Earth's systems and emphasizes environmental sustainability, highlighting how natural systems are affected by human activities and how natural processes impact human lives. Updated, compelling visuals illustrate concepts through vivid photos, helpful figures, information-rich maps and thought-provoking captions. This edition also explores dynamic areas of the Earth, such as the Pacific Ring of Fire, and examines the latest digital, drone and laser technologies in use in geographical research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Updated for the revised APES course framework, the Teacher's Edition provides: an overview of chapter goals from the perspective of the AP® course outline, a Pacing Guide, teaching tips for each section including Discussion Prompts and Tapping Prior Knowledge, Illustrate a Concept, Quick Demonstrations, and Interpreting Graphs and Data provide visuals to help students understand scientific concepts, suggestions for presenting anticipatory ideas prior to a lab, In Your Community offers ideas for field trips and guest speakers, and chapter notes.

EDUCATIONAL FOUNDATIONS, Second Edition, explains today's schools for those who are trying to picture themselves within the education profession. The book makes educational foundations topics relevant and personally meaningful to both young learners and mature adult learners-while also offering the comprehensive scope, scholarly depth, and conceptual analysis of contemporary issues that will help readers understand the field and transition smoothly into their career. This new edition includes a greater emphasis on InTASC and Common Core State Standards, and incorporates a number of new features that enable readers to gain a realistic and insightful perspective of the education profession. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Master the essentials of real estate law and develop a strong understanding of the role of the real estate paralegal with this concise, yet comprehensive text. Taking a case-based approach, *ESSENTIALS OF PRACTICAL REAL ESTATE LAW*, 6e details the transactional aspects of the law needed to assist attorneys with closing real estate purchases, sales, and mortgage loans secured by real estate. Case summaries throughout give you a chance to practice your analytical skills and see how concepts are applied in practice. In addition, each chapter includes practical assignments and a self-study examination, along with numerous forms and checklists, to ensure that you are well prepared to work as a professional in real estate. Offering up-to-date coverage of technology and the impact of the recent recession, this resource reflects the latest laws and regulations of the industry. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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.

This book includes contributions from scientists and representatives from government and non-governmental organisations working in the field of land management and use and on management of fires. The book is truly interdisciplinary and has both a research and application-oriented dimension. The list of topics includes sustainability and water management; sustainability and biodiversity conservation; the future sustainability of nature-based industries such as agriculture, mining, tourism, fisheries and forestry; sustainability, people and livelihoods; sustainability and landscapes

planning; sustainability and land use planning; handling and managing forest fires. The papers are innovative and cross-cutting, and many have practice-based experiences. Also, this book, prepared by the Inter-University Sustainable Development Research Programme (IUSDRP) and the World Sustainable Development Research and Transfer Centre (WSD-RTC), reiterates the need to promote a sustainable use of land resources today.

Scientists play a vital role in the effort to understand the environment and develop new, renewable sources of energy. They are able to identify environmental problems, search for viable solutions, and gauge the effectiveness of these solutions in a wide variety of green fields. They also advise government officials, businesses, and other people and organizations about various environmental issues and concerns. The need for scientific expertise in all aspects of conservation and environmental work suggests that demand for these professionals will be strong in the coming years. Science profiles 15 green careers in this highly sought-after field. Career profiles include: Biochemists Biologists Botanists Chemists Climatologists Ecologists Geologists Meteorologists Oceanographers Soil scientists Wetland scientists Wildlife scientists and more.

ENVIRONMENTAL SCIENCE inspires and equips students to make a difference for the world. Featuring sustainability as their central theme, authors Tyler Miller and Scott Spoolman emphasize natural capital, natural capital degradation, solutions, trade-offs, and the importance of individuals. As a result, students learn how nature works, how they interact with it, and how humanity has sustained and can continue to sustain its relationship with the earth by applying nature's lessons to economies and individual lifestyles. Engaging features like Core Case Studies, and Connections boxes demonstrate the relevance of issues and encourage critical thinking. Updated with new learning tools, the latest content, and an enhanced art program, this highly flexible book allows instructors to vary the order of chapters and sections within chapters to meet the needs of their courses. Two new active learning features conclude each chapter. Doing Environmental Science offers project ideas based on chapter content that build critical thinking skills and integrate scientific method principles. Global Environmental Watch offers online learning activities through the Global Environment Watch website, helping students connect the book's concepts to current real-world issues. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

While many school districts and institutions of higher education still cling to the traditional agrarian school year with a factory model delivery of education and Carnegie units based on seat time when most people are no longer farmers, factory workers, or reliant on learning in a classroom, there are bursts of promising practices that buck the norm by questioning the educational value of these traditions. Though researchers have investigated the potential of students learning in their own homes via personalized instruction delivered by computers rather than attending traditional institutions, the status quo in education has remained stubbornly resistant to change. Mixed-reality simulations, year-round schooling, grouping students by competencies instead of age, and game-based teaching are just a few of the educational innovations that seek to maximize learning by recognizing that innovation is essential for successfully teaching students in the modern era. The Handbook of Research on Innovations in Non-Traditional Educational Practices is a comprehensive reference source that examines various educational innovations, how they have developed workarounds to navigate traditional systems, and their potential to radically transform teaching and learning. With each chapter highlighting a different educational innovation such as experiential learning, game-based learning, online learning, and inquiry-based learning and their applications in all levels of education, this book explores the issues and challenges these educational innovations face as well as their impact. It is intended for academicians, professionals, administrators, and researchers in education and specifically benefits academic deans, vice presidents of academic affairs, graduate students, faculty technology leaders, directors of teaching and learning centers, curriculum and instructional designers, policymakers, principals and superintendents, and teachers interested in educational change.

Working in partnership with National Geographic, INVITATION TO HUMAN COMMUNICATION, 2e acknowledges the complexity of today's workplace, the power of communication, and the importance of equipping readers with the foundational skills for success in this ever-changing environment. A leader in teaching foundational communication theories and skills, the text helps readers recognize the importance and centrality of communication in their professional and personal lives. Each chapter includes case studies and tips from nationally recognized explorers, scientists, researchers, and activists. The text showcases the best of communication theories and practices as well as explores how communication is central to carrying out work, developing professional and personal rela-

tionships with others, and sharing ideas with the larger public. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Segal's EMPOWERMENT SERIES: SOCIAL WELFARE POLICY AND SOCIAL PROGRAMS, ENHANCED, 4th Edition not only enables you to identify, describe, and analyze social welfare policies—it also draws you into an examination of the values and beliefs that drive our social welfare system. The author demonstrates how the myriad values of diverse groups in America have influenced current policies, and shows that analysis takes place through the lens of these often opposing values. Strategies for how these policy insights can be applied to influence the policy-making process are also presented. The dual themes of critical thinking and critical evaluation provide the framework of the book, and Segal's inclusion of international perspectives on values around social welfare policies and social programs heightens your awareness of the global implications of social work around the world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

In a modern society, it is easy to forget that our society depends largely on the environmental processes that govern our world. Environment refers to an aggregate of surroundings in which living beings such as humans, animals, and plants live and non-living things exist. It includes air, water, land, living organisms, and materials surrounding us. The environment is an important part of our daily lives. Environmental issues are now part of every career path and employment area. Environmental science is an interdisciplinary field that applies principles from all the known technologies and sciences to study the environment and provide solutions to environmental problems. It is the study of how the earth works and how we can deal with the environmental issues we face. There is an ever demanding need for experts in this field because the environment is responsible for making our world beautiful and habitable. For this reason, environmental science is now being taught at high schools and higher institutions of learning. Education on environmental science will empower the youths to take an active role in the world in which they live.

Fundamentals of Environmental and Toxicological Chemistry: Sustainable Science, Fourth Edition covers university-level environmental chemistry, with toxicological chemistry integrated throughout the book. This new edition of a bestseller provides an updated text with an increased emphasis on sustainability and green chemistry. It is organized based on the five spheres of Earth's environment: (1) the hydrosphere (water), (2) the atmosphere (air), (3) the geosphere (solid Earth), (4) the biosphere (life), and (5) the anthrosphere (the part of the environment made and used by humans). The first chapter defines environmental chemistry and each of the five environmental spheres. The second chapter presents the basics of toxicological chemistry and its relationship to environmental chemistry. Subsequent chapters are grouped by sphere, beginning with the hydrosphere and its environmental chemistry, water pollution, sustainability, and water as nature's most renewable resource. Chapters then describe the atmosphere, its structure and importance for protecting life on Earth, air pollutants, and the sustainability of atmospheric quality. The author explains the nature of the geosphere and discusses soil for growing food as well as geosphere sustainability. He also describes the biosphere and its sustainability. The final sphere described is the anthrosphere. The text explains human influence on the environment, including climate, pollution in and by the anthrosphere, and means of sustaining this sphere. It also discusses renewable, nonpolluting energy and introduces workplace monitoring. For readers needing additional basic chemistry background, the book includes two chapters on general chemistry and organic chemistry. This updated edition includes three new chapters, new examples and figures, and many new homework problems.

Sustainability is the integrating theme of this current and thought-provoking book. LIVING IN THE ENVIRONMENT provides the basic scientific tools for understanding and thinking critically about the environment. Co-authors G. Tyler Miller and Scott Spoolman inspire students to take a positive approach toward finding and implementing useful environmental solutions in their own lives and in their careers. Updated with the most up-to-date information, art, and Good News examples, the text engages and motivates students with vivid case studies and hands-on quantitative exercises. The concept-centered approach transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.