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Transformative Pedagogical Perspectives on Home Language Use in Classrooms IGI Global Linguists, researchers, and other practitioners in language education acknowledge that the resolution of language problems associated with breaking down language and cultural barriers that hinder the growth of learners' self-identities and national identities is ongoing. In fact, even with decades of research in home language use in the classroom, there are still classrooms worldwide where learners are deprived of the opportunity of building their self-esteem, confidence, and autonomy by communicating with their native language. The global nature of communication requires speakers to use all the languages in their repertoire effectively, thus reinforcing the need to encourage home language use in classrooms. **Transformative Pedagogical Perspectives on Home Language Use in Classrooms** is a cutting-edge research publication on the effective use of home language in the classroom that emphasizes the significance of this activity to the success of the overall language development of the learner. Particular attention is given to transformative pedagogy and the provision of valuable insights into how the teacher can guide and assist learners in the development of critical thinking skills. In addition, the book provides content that enables practitioners in language education and parents to explore their roles in assisting children in breaking down the language and cultural barriers that hinder the growth of their self-identity and national identity. Highlighting topics such as engineering education, cultural responsiveness, and transformative pedagogy, this book is essential for linguists, academicians, education professionals, curriculum designers, policymakers, administrators, instructional designers, researchers, and students. **The International Baccalaureate An Experiment in International Education** London : G. G. Harrap International Law, Necropolitics, and Arab Lives **The Legalization of Creative Chaos in Arabia** Taylor & Francis International Relations and International Law continue to be accented by epistemic violence by naturalizing a separation between law and morality. What does such positivist juridical ethos make possible when considering that both disciplines reify a secular (immanent) ontology? **International Law, Necropolitics, and Arab Lives** emphasizes that positivist jurisprudence (re)conquered Arabia by subjugating Arab life to the power of death using extrajudicial techniques of violence seeking the implementation of a "New Middle East" that is no longer "resistant to Latin-European modernity", but amenable to such exclusionary telos. The monograph goes beyond the limited remonstrance asserting that the problématique with both disciplines is that they are primarily "Eurocentric". Rather, the epistemic inquiry uncovers that legalizing necropower is necessary for the temporal coherence of secular-modernity since a humanitarian logic masks sovereignty inherently being necropolitical by categorizing Arab-Islamic epistemology as an internal-external enemy from which national(ist) citizenship must be defended. This creates a sense of danger around which to unite "modern" epistemology whilst reinforcing the purity of a particular ontology at the expense of banning and de-humanizing a supposed impure Arab refugee. This book will be of interest to graduate students, scholars, and finally, practitioners of international relations, political theory, philosophical theology, and legal-theory. **Edible Insects Future Prospects for Food and Feed Security** Food & Agriculture Org Edible insects have always been a part of human diets, but in some societies there remains a degree of disdain and disgust for their consumption. Insects offer a significant opportunity to merge traditional knowledge and modern science to improve human food security worldwide. This publication describes the contribution of insects to food security and examines future prospects for raising insects at a commercial scale to improve food and feed production, diversify diets, and support livelihoods in both developing and developed countries. Edible insects are a promising alternative to the conventional production of meat, either for direct human consumption or for indirect use as feedstock. This publication will boost awareness of the many valuable roles that insects play in sustaining nature and human life, and it will stimulate debate on the expansion of the use of insects as food and feed. **Biobanking in the 21st Century** Springer Biobanking, an emerging field supported by academia, industry and health administrators alike, is distinctly different today from the practice that once defined it. The science of Biobanking, which initially involved simply storing blood or tissue samples in a freezer, is now a highly sophisticated field of research, and expected to grow exponentially over the next decade or two. This book aims to serve the purpose of further enriching the available literature on Biobanking, by offering unique and more useful collection of ideas for the future. The book outlines the experiences of developing modern Biobanking repositories in different countries, whilst covering specific topics regarding the many aspects of Biobanking. This book will be of interest to a wide range of readers including: academics, students, volunteers and advocates of patients' rights. **Microfinance and Financial Inclusion** The challenge of regulating alternative forms of

finance Routledge Following the recent global financial crisis there is a growing interest in alternative finance - and microfinance in particular - as new instruments for providing financial services in a socially responsible way or as an alternative to traditional banking. Nonetheless, correspondingly there is also a lack of clarity about how to regulate alternative financial methods particularly in light of the financial crisis' lessons on regulatory failure and shadow banking's risks. This book considers microfinance from a legal and regulatory perspective. Microfinance is the provision of a wide range of financial services, particularly credit but also remittances, savings, to low-income people or financially excluded people. It combines a business structure with social inspiration, often resorts to technological innovations to lower costs (Fintech: e.g. crowdfunding and mobile banking) and merges with traditional local experiences (e.g. financial cooperatives and Islamic finance), this further complicating the regulatory picture. The book describes some of the unique dimensions of microfinance and the difficulties that this can cause for regulators, through a comparative analysis of selected European Union (EU) countries' regimes. The focus is in fact on the EU legal framework, with some references to certain developing world experiences where relevant. The book assesses the impact and validity of current financial regulation principles and rules, in light of the most recent developments and trends in financial regulation in the wake of the financial crisis and compares microfinance with traditional banking. The book puts forward policy recommendations for regulators and policy makers to help address the challenges and opportunities offered by microfinance.

Freight Data Cost Elements Transportation Research Board "TRB's National Cooperative Freight Research Program (NCFRP) Report 22: Freight Data Cost Elements identifies the specific types of direct freight transportation cost data elements required for public investment, policy, and regulatory decisionmaking. The report also describes and assesses different strategies for identifying and obtaining the needed cost data elements"--Publication info. Ways of Learning Learning Theories and Learning Styles in the Classroom Routledge Whilst most teachers are skilled in providing opportunities for the progression of children's learning, it is often without fully understanding the theory behind it. With greater insight into what is currently known about the processes of learning and about individual learning preferences, teachers are better equipped to provide effective experiences and situations which are more likely to lead to lasting attainment. Now fully updated, Ways of Learning seeks to provide an understanding of the ways in which learning takes place, which teachers can make use of in their planning and teaching, including: An overview of learning Behaviourism and the beginning of theory Cognitive and constructivist learning Multiple intelligences Learning styles Difficulties with learning The influence of neuro-psychology Relating theory to practice The third edition of this book includes developments in areas covered in the first and second editions, as well as expanding on certain topics to bring about a wider perspective; most noticeably a newly updated and fully expanded chapter on the influence of neuro-educational research. The book also reflects changes in government policy and is closely related to new developments in practice. Written for trainee teachers, serving teachers, and others interested in learning for various reasons, Ways of Learning serves as a valuable introduction for students setting out on higher degree work who are in need of an introduction to the topic. Educating Adolescent Girls Around the Globe Challenges and Opportunities Routledge While many initial education benchmarks are being met, new and continuing challenges exist for adolescent girls in the developing world. Discrimination, violence, marginalization, and health-related issues prevail, making proper education at the middle school level crucial during this unique development time. As we continue to see the expectations for girls grow, education for girls must also find a new place within the evolving norms of political, economic, cultural and social life. This volume takes a global look at the obstacles and enablers in girls' education that can have lasting institutional, psychological and social consequences. It looks at many complex issues affecting education for adolescent girls around the world, including the underlying global demands for women in the formal workforce and the universal impact of gender-based violence, and provides a critical framework through which researchers may explore and critique these complexities. IB Physics Course Book for the IB Diploma OUP Oxford The most comprehensive match to the new 2014 Chemistry syllabus, this completely revised edition gives you unrivalled support for the new concept-based approach, the Nature of science. The only DP Chemistry resource that includes support directly from the IB, focused exam practice, TOK links and real-life applications drive achievement. News Across Media Production, Distribution and Consumption Routledge News production, distribution and consumption are in rapidly changing due to the rise of new media. This book examines how these processes become more and more interrelated through logics of dissemination, sharing and co-production. These changes have the potential to affect the criteria of newsworthiness as well as existing power structures and relations within the fields of journalism and agenda setting. The book discusses changing logics of production, from citizens' as well as journalists' perspectives, examines distribution and sharing as a link between but also an intrinsic part of production and consumption, and addresses the changing logics of consumption. Contributors place such changes in a historical perspective and outline challenges and future research agendas. Handbook of Research on Industrial Advancement in Scientific Knowledge IGI Global In a society that praises and promotes technological advancement, it becomes increasingly essential to review the effects of such rapid technological growth. New high-tech advances need to be examined to determine what they mean to science, society, and industry along with the benefits and challenges they present. The Handbook of Research on Industrial Advancement in Scientific Knowledge addresses the intersection of technology and science where engineering considerations, mathematical approaches, and management tools provide a better understanding and awareness of Industry 4.0, while also taking into account the impact on current society. This publication identifies methodologies and applications related to decision making, risk and uncertainty, and design and development not only on scientific and industrial topics but also on social and ethical matters. It is designed for engineers, entrepreneurs, academicians, researchers, managers, and students. A Taxonomy for Learning, Teaching, and Assessing A Revision of Bloom's Taxonomy of

Educational Objectives Pearson This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12. **Introducing Microsoft Power BI Microsoft Press** This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. **Introducing Microsoft Power BI** enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>. **The Maudsley Prescribing Guidelines in Psychiatry John Wiley & Sons** The revised 13th edition of the essential reference for the prescribing of drugs for patients with mental health disorders The revised and updated 13th edition of *The Maudsley Prescribing Guidelines in Psychiatry* provides up-to-date information, expert guidance on prescribing practice in mental health, including drug choice, treatment of adverse effects and how to augment or switch medications. The text covers a wide range of topics including pharmacological interventions for schizophrenia, bipolar disorder, depression and anxiety, and many other less common conditions. There is advice on prescribing in children and adolescents, in substance misuse and in special patient groups. This world-renowned guide has been written in concise terms by an expert team of psychiatrists and specialist pharmacists. The Guidelines help with complex prescribing problems and include information on prescribing psychotropic medications outside their licensed indications as well as potential interactions with other medications and substances such as alcohol, tobacco and caffeine. In addition, each of the book's 165 sections features a full reference list so that evidence on which guidance is based can be readily accessed. This important text: Is the world's leading clinical resource for evidence-based prescribing in day-to-day clinical practice and for formulating prescribing policy Includes referenced information on topics such as transferring from one medication to another, prescribing psychotropic medications during pregnancy or breastfeeding, and treating patients with comorbid physical conditions, including impaired renal or hepatic function. Presents guidance on complex clinical problems that may not be encountered routinely Written for psychiatrists, neuropharmacologists, pharmacists and clinical psychologists as well as nurses and medical trainees, *The Maudsley Prescribing Guidelines in Psychiatry* are the established reference source for ensuring the safe and effective use of medications for patients presenting with mental health problems. **A New History of War Reporting Routledge** This book takes a fresh look at the history of war reporting to understand how new technology, new ways of waging war and new media conditions are changing the role and work of today's war correspondent. Focussing on the mechanics of war reporting and the logistical and institutional pressures on correspondents, the book further examines the role of war propaganda, accreditation and news management in shaping the evolution of the specialism. Previously neglected conflicts and correspondents are reclaimed and wars considered as key moments in the history of war reporting such as the Crimean War (1854-56) and the Great War (1914-18) are re-evaluated. The use of objectivity as the yardstick by which to assess the performance of war correspondents is questioned. The emphasis is instead placed on war as a messy business which confronts reporters and photographers with conditions that challenge the norms of professional practice. References to the 'demise of the war correspondent' have accompanied the growth of the specialism since the days of William Howard Russell, the so-called father of war reporting. This highlights the fragile nature of this sub-genre of journalism and emphasises that continuity as much as change characterises the work of the war correspondent. A thematically organised, historically rich introduction, this book is ideal for students of journalism, media and communication. **Nordic Nutrition Recommendations 2012 Integrating nutrition and physical activity Nordic Council of Ministers** The Nordic countries have collaborated in setting guidelines for dietary composition and recommended intakes of nutrients for several decades through the joint publication of the *Nordic Nutrition Recommendations (NNR)*. This 5th edition, the *NNR 2012*, gives Dietary Reference Values (DRVs) for nutrients, and compared with earlier editions more emphasis has been put on evaluating the scientific evidence for the role of food and food patterns contributing to the prevention of the major diet-related chronic diseases. Recommendations on physical activity are included and interaction with physical activity has been taken into account for the individual nutrient recommendations wherever appropriate. A chapter on sustainable food consumption has been added. A Nordic perspective has been accounted for in setting the reference values. The *NNR 2012* has used an evidence-based and transparent approach in assessing associations between nutrients and foods and certain health outcomes. Systematic reviews form the basis for the recommendations of several nutrients and topics, while a less stringent update has been done for others. The systematic reviews and individual chapters have been peer reviewed and the systematic reviews are published in the *Food & Nutrition Research journal*. The draft chapters were subject to an open public consultation. Recommendations have been changed only when sufficient scientific evidence has evolved since the 4th edition. The primary aim of the *NNR 2012* is to present the scientific background of the recommendations and their application. A secondary aim is for the *NNR 2012* to function as a basis for the national recommendations that are adopted by the individual **Ebook: Essentials of Understanding Psychology McGraw Hill** **Ebook: Essentials of Understanding Psychology** Introducing the IB Diploma Programme Cambridge University Press An ideal reference guide

to introducing the IB Diploma in your school. **Mostly Harmless Econometrics An Empiricist's Companion** Princeton University Press In addition to econometric essentials, this book covers important new extensions as well as how to get standard errors right. The authors explain why fancier econometric techniques are typically unnecessary and even dangerous. **Periprosthetic Joint Infection: Practical Management Guide** JAYPEE BROTHERS MEDICAL PUBLISHERS PVT. LTD. This book **Periprosthetic Joint Infection** is a portable guide to the practical management of surgical site infections following orthopedic procedures. It designed to help answer clinician's questions regarding the prevention and treatment of periprosthetic infections. It organized for rapid review, featuring evidence reviews, pitfalls, Rothman Institute Current Practices and Controversies. The guide is being included in the course materials for the 29th Annual Current Concepts in Joint Replacement® (CCJR) meeting thanks to a generous educational grant from 3M Health Care. **OECD Employment Outlook 2013** OECD Publishing The OECD Employment Outlook 2013 looks at labour markets in the wake of the crisis. It also includes chapters employment protection legislation; benefit systems, employment and training programmes and re-employment earnings and skills afer job loss. **Textbook of Hemophilia** John Wiley & Sons The only up-to-date definitive reference source onhemophilia This book is an invaluable resource that provides an overview ofall aspects of the care of patients with haemophilia. Covering how to assess both bleeding children and adults,Haemophilia A and B, molecular basis of the disease, the role offactors in coagulation, epidemiology, pharmacokinetics, andtreatment of inhibitors. There will also be a section onmusculoskeletal aspects of haemophilia as well as newerdevelopments such as gene therapy and rare bleedingdisorders. **Textbook of Hemophilia** is ideal for: Trainees and residents in hematology Hematologists in practice Specialists working in thrombosis and hemostasis as well astransfusion medicine **Why Buy This Book?** The only up-to-date definitive reference source onhemophilia Essential for all those managing hemophilia patients Detailed guidance on assessment, diagnosis, management andtreatment Advice for everyday clinical questions Edited by three of the world's leading experts onhemophilia **Essentials of Nursing Research Appraising Evidence for Nursing Practice** This eighth edition of **Essentials of Nursing Research**, written by AJN awardwinning authors, along with its accompanying **Study Guide for Essentials of Nursing Research**, student learning ancillaries, and instructor teaching materials present a unique learningteaching package that is designed to teach students how to read and critique research reports, and to appreciate the application of research findings to nursing practice.**New to this edition:** New text organization with separate sections on quantitative and qualitative research offer greater continuity of ideas to better meet the needs of students and faculty. New online chapter supplements for every chapter expand student's knowledge of research topics New chapter on mixed methods research, which involves the blending of qualitative and quantitative data in a single inquiry, responds to the surge of interest in this type of research Increased emphasis on evidencebased practice (EBP) especially in the areas of asking wellworded questions for EBP and searching for such evidence guides the reader from theory to application. Enhanced assistance for instructors with numerous suggestions on how to make learning aboutand teachingresearch methods more rewarding. **Virtual Currencies and Beyond Initial Considerations** International Monetary Fund New technologies are driving transformational changes in the global financial system. Virtual currencies (VCs) and the underlying distributed ledger systems are among these. VCs offer many potential benefits, but also considerable risks. VCs could raise efficiency and in the long run strengthen financial inclusion. At the same time, VCs could be potential vehicles for money laundering, terrorist financing, tax evasion and fraud. While risks to the conduct of monetary policy seem less likely to arise at this stage given the very small scale of VCs, risks to financial stability may eventually emerge as the new technologies become more widely used. National authorities have begun to address these challenges and will need to calibrate regulation in a manner that appropriately addresses the risks without stifling innovation. As experience is gained, international standards and best practices could be considered to provide guidance on the most appropriate regulatory responses in different fields, thereby promoting harmonization and cooperation across jurisdictions. **Twelve Years a Slave** Prabhat Prakashan "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt **What National and Subnational Interventions and Policies Based on Mediterranean and Nordic Diets are Recommended Or Implemented in the WHO European Region, and is There Evidence of Effectiveness in Reducing Noncommunicable Diseases?** World Health Organization This review focuses on national and subnational Mediterranean diet (MD) and Nordic diet (ND) interventions and policies in the WHO European Region. In the context of increasing noncommunicable disease (NCD) burden and unhealthy diets, there is a need to continue identifying optimal, evidence-informed diets and interventions for the prevention and control of NCDs. The MD and ND have been identified as region-specific healthy diets. To support decision-makers in shaping context-specific diet and nutrition policies, this review provides a summary of the NCD burden and activities in the Region; outlines the NCD-related health benefits of the MD and ND; describes interventions and policies in 15 countries; reviews four identified studies into the effectiveness of MD and ND policies on NCD outcomes; and discusses policy implications and options. In the context of MD and ND interventions for NCDs, there remains a Region-wide need to increase translation of evidence into action, monitor and evaluate the impact of existing policies on NCD outcomes and share activities through public platforms to support information sharing. **World Migration Report 2020** United Nations Since 2000, IOM has been producing world migration reports. The **World Migration Report 2020**, the tenth in the world migration report series, has been produced to contribute to increased understanding of migration throughout the world. This new edition presents key data and information on migration as well as thematic chapters on highly topical migration issues, and is structured to focus on two key contributions for readers: Part I: key information on migration and migrants (including migration-related

statistics); and Part II: balanced, evidence-based analysis of complex and emerging migration issues. Renewable Energy and Jobs - Annual Review 2020 International Renewable Energy Agency (IRENA) The sixth edition of the series highlights employment trends in renewables worldwide, noting increasing diversification of the supply chain. CLIL in Action Voices from the Classroom Cambridge Scholars Publishing This volume explores the current position of CLIL on the three main fronts where it is attracting particular attention in specialized literature, namely, implementation, research, and teacher training. To this end, it presents evidence from national and international research projects, governmentally-financed pedagogical initiatives, grassroots experiences and investigations, and inter-institutional training programs which offer insights into how CLIL is working in action on the afore-mentioned three levels. The opening section of the book ("CLIL in action: Practical considerations") provides a window into how CLIL implementation is unravelling at the grassroots level vis-à-vis key aspects for CLIL development, such as the design of materials, the use of ICT, and the importance of extramural exposure. The second part ("The effects of CLIL on language learning: Research-based evidence") explores some key areas for future research, showcasing how engaging in research as a device that drives reflection is the best possible way to continue moving the CLIL agenda forward. Finally, in the third part ("Preparing teachers for CLIL: Practical proposals"), the interface of research and pedagogy is discussed, as the former informs the latter in a clear instantiation of what Coyle (2011) terms "evidence-based practice" in setting necessary teacher training actions in place. As such, the volume addresses three burning issues in the CLIL scenario through practical and research-based proposals of tried-and-true CLIL development. If all three strands - implementation, research, and training - dovetail and progress in harmony, a solid template will be built for the future and the CLIL agenda will be pushed forward. By pooling together the insights of a set of researchers, teacher trainers, policy makers, and grassroots practitioners, this volume will contribute to this much-needed endeavour.

No and Me A&C Black Lou Bertignac has an IQ of 160 and a good friend called Lucas, who gets her through the school day. At home her father cries in secret in the bathroom and her mother hasn't been out of the house properly for years. But Lou is about to change her life - and that of her parents - for good, all because of a school project she decides to do about the homeless. Through the project Lou meets No, a teenage girl living on the streets. As their friendship grows, Lou cannot bear that No is still on the streets when she goes back home - even if it is to a home that is saddened and desolate. So she asks her parents if No can come to live with them. To her astonishment, her parents - eventually - agree. No's presence forces Lou and her parents to finally face the sadness that has enveloped them. But No has disruptive as well as positive effects. Can this shaky newfound family continue to live together? A tense, brilliant novel tackling the true meaning of home and homelessness. Sharing Power A Global Guide to Collaborative Management of Natural Resources Routledge The collaborative or co-management of natural resources - whether between states and local communities or amongst and within communities themselves - is a process of collective understanding and actions to bring about negotiated agreements on roles, rights and responsibilities for decentralized governance of natural resources. At heart, co-management is about sharing power, one of the most difficult but rewarding experiences in personal and social life. The book is designed for professionals and people involved in practical co-management processes, and distils a wealth of experience and innovative approaches learned by doing. It begins by offering a variety of vistas, from historical analyses to a clear grasp of key concepts. Illustrated in detail is the understanding accumulated in recent decades on starting points for co-management, conditions and methods for successful negotiations, ideas to manage conflicts and types of agreements and co-management institutions emerging from the negotiation tables. Simple tools, such as checklists distilled from different situations and contexts, are offered throughout. Examples and insights from experience highlight the importance of participatory democracy - the enabling contexts where sharing power is ultimately possible and successful. Published with IIED and IUCN. Biochar for Environmental Management Science and Technology Routledge Biochar is the carbon-rich product when biomass (such as wood, manure or crop residues) is heated in a closed container with little or no available air. It can be used to improve agriculture and the environment in several ways, and its stability in soil and superior nutrient-retention properties make it an ideal soil amendment to increase crop yields. In addition to this, biochar sequestration, in combination with sustainable biomass production, can be carbon-negative and therefore used to actively remove carbon dioxide from the atmosphere, with major implications for mitigation of climate change. Biochar production can also be combined with bioenergy production through the use of the gases that are given off in the pyrolysis process. This book is the first to synthesize the expanding research literature on this topic. The book's interdisciplinary approach, which covers engineering, environmental sciences, agricultural sciences, economics and policy, is a vital tool at this stage of biochar technology development. This comprehensive overview of current knowledge will be of interest to advanced students, researchers and professionals in a wide range of disciplines. Kiffe Kiffe Tomorrow A Novel HMH A "touching, furious, sharp, and very funny" novel of an immigrant teenage girl finding her own identity in France (Booklist). The Paradise projects are only a few metro stops from Paris, but it feels like a different world. Doria's father, aka the Beard, has headed back to their hometown in Morocco, leaving her and her mom to cope with their mektoub, their destiny, alone. They have a little help—from a social worker sent by the city, a psychiatrist sent by the school, and a thug friend who recites Rimbaud. It seems like fate has dealt them an impossible hand, but Doria might still make a new life—"with bravado, humor, and a healthy dose of rage" (St. Petersburg Times). "[A] sassy, spunky tale . . . Doria has what it takes to storm any barricade." —The Hartford Courant "[Doria is] as likable as Holden Caulfield or Prep's Lee Fiora. Readers will cheer. Highly recommended." —Library Journal, starred review "A promising addition to the world's literary voices." —The Miami Herald "Moving and irreverent, sad and funny, full of rage and intelligence. Her voice is fresh, and her book a delight." —Laila Lalami, bestselling author of The Moor's Account Antibiotics and Bacterial Resistance John Wiley & Sons The need for novel antibiotics is greater now

than perhaps anytime since the pre-antibiotic era. Indeed, the recent collapse of many pharmaceutical antibacterial groups, combined with the emergence of hypervirulent and pan-antibiotic-resistant bacteria has severely compromised infection treatment options and led to dramatic increases in the incidence and severity of bacterial infections. This collection of reviews and laboratory protocols gives the reader an introduction to the causes of antibiotic resistance, the bacterial strains that pose the largest danger to humans (i.e., streptococci, pneumococci and enterococci) and the antimicrobial agents used to combat infections with these organisms. Some new avenues that are being investigated for antibiotic development are also discussed. Such developments include the discovery of agents that inhibit bacterial RNA degradation, the bacterial ribosome, and structure-based approaches to antibiotic drug discovery. Two laboratory protocols are provided to illustrate different strategies for discovering new antibiotics. One is a bacterial growth inhibition assay to identify inhibitors of bacterial growth that specifically target conditionally essential enzymes in the pathway of interest. The other protocol is used to identify inhibitors of bacterial cell-to-cell signaling. This e-book — a curated collection from eLS, WIREs, and Current Protocols — offers a fantastic introduction to the field of antibiotics and antibiotic resistance for students or interdisciplinary collaborators.

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 Distinction A Social Critique of the Judgement of Taste Routledge No judgement of taste is innocent - we are all snobs. Pierre Bourdieu's Distinction brilliantly illuminates the social pretensions of the middle classes in the modern world, focusing on the tastes and preferences of the French bourgeoisie. First published in 1979, the book is at once a vast ethnography of contemporary France and a dissection of the bourgeois mind. In the course of everyday life we constantly choose between what we find aesthetically pleasing, and what we consider tacky, merely trendy, or ugly. Taste is not pure. Bourdieu demonstrates that our different aesth
 Adapting to Climate Change Thresholds, Values, Governance Cambridge University Press This presents top scientific research by leading researchers and practitioners on the critical issue of adapting to climate change. Design, Make, Play Growing the Next Generation of STEM Innovators Routledge Design, Make, Play: Growing the Next Generation of STEM Innovators is a resource for practitioners, policymakers, researchers and program developers that illuminates creative, cutting edge ways to inspire and motivate young people about science and technology learning. The book is aligned with the National Research Council's new Framework for Science Education, which includes an explicit focus on engineering and design content, as well as integration across disciplines. Extensive case studies explore real world examples of innovative programs that take place in a variety of settings, including schools, museums, community centers, and virtual spaces. Design, Make, and Play are presented as learning methodologies that have the power to rekindle children's intrinsic motivation and innate curiosity about STEM (science, technology, engineering, and mathematics) fields. A digital companion app showcases rich multimedia that brings the stories and successes of each program—and the students who learn there—to life. World Intellectual Property Indicators 2020 WIPO This authoritative report analyzes IP activity around the globe. Drawing on 2019 filing, registration and renewals statistics from national and regional IP offices and WIPO, it covers patents, utility models, trademarks, industrial designs, microorganisms, plant variety protection and geographical indications. The report also draws on survey data and industry sources to give a picture of activity in the publishing industry. Pocket Book of Hospital Care for Children Guidelines for the Management of Common Childhood Illnesses World Health Organization The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem.