This grammar reference is written for the advanced student. It combines explanations of English grammar with information on how, when and why we use different structures. It shows the differences between spoken and written grammar and includes frequency information on the most common forms.

In this book, a make-believe cocaine museum becomes a vantage point from which to assess the lives of Afro-Colombian gold miners drawn into the dangerous world of cocaine production in the rain forest of Colombia's Pacific Coast. Although modeled on the famous Gold Museum in Colombia's central bank, the Banco de la República, Taussig's museum is also a parody aimed at the museum's failure to acknowledge the African slaves who mined the country's wealth for almost four hundred years. Combining natural history with political history in a filmic, montage style, Taussig deploys the show-and-tell modality of a museum to engage with the inner life of heat, rain, stone, and swamp, no less than with the life of gold and cocaine. This effort to
find a poetry of words becoming things is brought to a head by the explosive qualities of those sublime fetishes of evil beauty, gold and cocaine. At its core, Taussig's museum is about the lure of forbidden things, charged substances that transgress moral codes, the distinctions we use to make sense of the world, and above all the conventional way we write stories.

A developer's field-guide to designing scalable services using Kubernetes Key Features Develop and run your software using containers within a Kubernetes environment Get hands-on experience of using Kubernetes with DevOps concepts such as continuous integration, benchmark testing, monitoring, and so on Pragmatic example-based approach showing how to use Kubernetes in the development process Book Description Kubernetes is documented and typically approached from the perspective of someone running software that has already been built. Kubernetes may also be used to enhance the development process, enabling more consistent testing and analysis of code to help developers verify not only its correctness, but also its efficiency. This book introduces key Kubernetes concepts, coupled with examples of how to deploy and use them with a bit of Node.js and Python example code, so that you can quickly replicate and use that knowledge. You will begin by setting up Kubernetes to help you develop and package your code. We walk you through the setup and installation process before working with Kubernetes in the development environment. We then delve into concepts such as automating your build process, autonomic computing, debugging, and integration testing. This book covers all the concepts required for a developer to work with Kubernetes. By the end of this book, you will be in a position to use Kubernetes in development ecosystems. What you will learn Build your software into containers Deploy and debug software running in containers within Kubernetes Declare and add configuration through Kubernetes Define how your application fits together, using internal and external services Add feedback to your code to help Kubernetes manage your services Monitor and measure your services through integration testing and in production deployments Who this book is for If you are a full-stack or back-end software developers interested, curious, or being asked to test as well as run the code you're creating, you can leverage Kubernetes to make that process simpler and consistent regardless of where you deploy. If you're looking for developer focused examples in NodeJS and Python for how to build, test, deploy, and run your code with Kubernetes, this is perfect for you.
punched, perfed pages allow students to organize while they are learning.

A collection of photographs by David Doubilet which profile the beauty and structure of the Great Barrier Reef and the plants and fish found there.

The goal of this book is to introduce a reader to a new philosophy of teaching and learning physics - Investigative Science Learning Environment, or ISLE (pronounced as a small island). ISLE is an example of an "intentional" approach to curriculum design and learning activities (MacMillan and Garrison 1988 A Logical Theory of Teaching: Erotetics and Intentionality). Intentionality means that the process through which the learning occurs is as crucial for learning as the final outcome or learned content. In ISLE, the process through which students learn mirrors the practice of physics.

This authoritative, comprehensive handbook contains virtually all the rhyming words possible in the English language and is a must for anyone who works with words. Updated to meet the needs of today's wordsmiths, this reference work is easy to use.

Physiologically Based Pharmacokinetic (PBPK) Modeling: Methods and Applications in Toxicology and Risk Assessment presents foundational principles, advanced techniques and applications of PBPK modeling. Contributions from experts in PBPK modeling cover topics such as pharmacokinetic principles, classical physiological models, the application of physiological models for dose-response and risk assessment, the use of in vitro information, and in silico methods. With end-of-chapter exercises that allow readers to practice and learn the skills associated with PBPK modeling, dose-response, and its applications to safety and risk assessments, this book is a foundational resource that provides practical coverage of PBPK modeling for graduate students, academics, researchers, and more. Provides end-of-chapter exercises to teach hands-on computational tools used in toxicology Supplies computer code and explanations and includes examples of applied models used in regulatory toxicology and research Authored by expert editors and contributors who are among the best PBPK modelers in the world

“Who can ask for better cosmic tour guides to the universe than Drs. Tyson and Goldsmith?” —Michio Kaku, author of Hyperspace and Parallel Worlds Our true origins are not just human, or even terrestrial, but in fact cosmic. Drawing on recent scientific breakthroughs and the current cross-pollination among geology, biology, astrophysics, and
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Cosmology, *Origins* explains the soul-stirring leaps in our understanding of the cosmos. From the first image of a galaxy birth to Spirit Rover's exploration of Mars, to the discovery of water on one of Jupiter's moons, coauthors Neil deGrasse Tyson and Donald Goldsmith conduct a galvanizing tour of the cosmos with clarity and exuberance.

No Marketing Blurb

Twelve Years a Slave (1853) is a memoir and slave narrative by Solomon Northup, as told to and edited by David Wilson. Northup, a black man who was born free in New York, details his kidnapping in Washington, D.C. and subsequent sale into slavery. After having been kept in bondage for 12 years in Louisiana by various masters, Northup was able to write to friends and family in New York, who were in turn able to secure his release. Northup's account provides extensive details on the slave markets in Washington, D.C. and New Orleans and describes at length cotton and sugar cultivation on major plantations in Louisiana.

Provides 80 practical, tested lists for developing instructional materials and planning lessons to teach American English grammar, vocabulary, pronunciation, and writing skills to English-as-a-Second Language students of all ability levels.

Emily Arrow must fill a tall order for herself when she makes a New Year's resolution to be perfect at everything--school, cooking, cleaning, and friendship--a promise that may prove impossible.

Atlas of Human Cranial Macromorphoscopic Traits synthesizes macromorphoscopic traits and their analysis in an accessible manner, providing detailed descriptions and examples of the various character state manifestations intended for use in classrooms, laboratories, and in the field. The volume begins with an outline of the macromorphoscopic dataset, its history, recent modifications to the historical approach, and recent technological and analytical advances. Additional sections cover Nomenclature, Gross Anatomy, Function, Methodology, Line Drawings, Detailed Definitions, Multiple High-resolution Photographs, and Population Variation Data from the Macromorphoscopic Databank (MaMD). The volume concludes with a chapter outlining the statistical analysis of macromorphoscopic data and a summary of the computer programs and reference databases available to forensic anthropologists for the analysis of these data. Provides detailed descriptions, illustrations and high-resolution images of various character state manifestations of seventeen macromorphoscopic traits Applies to both
forensic and bioarchaeological research. Written by the foremost expert on macromorphoscopic trait analysis and estimation of ancestry in forensic anthropology.

This book provides a one-stop resource for mathematics educators, policy makers and all who are interested in learning more about the why, what and how of mathematics education in Singapore. The content is organized according to three significant and closely interrelated components: the Singapore mathematics curriculum, mathematics teacher education and professional development, and learners in Singapore mathematics classrooms. Written by leading researchers with an intimate understanding of Singapore mathematics education, this up-to-date book reports the latest trends in Singapore mathematics classrooms, including mathematical modelling and problem solving in the real-world context.

For molecules that are not directly electroactive, it is necessary to modify a microelectrode by grafting polymeric or enzymatic membranes capable of translating a local concentration into an electrical current, which is a concept referred to as biosensing. In Microelectrode Biosensors, experts in the field cover the topic of electrochemical biosensor technology as applied to the neurosciences. The volume opens with a section addressing the specific issue of manufacturing biosensors that can be implanted in the central nervous system for neurotransmitter detection, and it then continues with sections on recent studies where biosensors have made a difference in bringing a new level of understanding of signaling mechanisms in neuroscience as well as recent developments in biosensor technology that have not yet been applied to implantable microelectrodes but may have great potential. Written for the Neuromethods series, this work contains the kind of detailed descriptions and implementation advice necessary to achieve successful results. Focused and cutting-edge, Microelectrode Biosensors serves to inspire the wider neuroscience and physiology community to adopt these powerful methods in their own applications in order to move the field forward with the widespread advances that will most likely flow from the adoption of biosensing as part of the standard laboratory toolkit.

Describes how 15 derelict areas of the United States were developed into thriving new parks and offers advice to public agencies and private developers on how to go about revitalizing urban areas. The text includes information on financing techniques, design, management and programming.
Sometimes you lose everything. Sometimes you never had anything to lose. And sometimes you get a chance to start all over. Would you take it even if it broke your heart? Steve McCoy is one tough, heartless son of a bitch. He's a successful attorney, owner of Citadel Security, and proprietor of the only BDSM club in Lexington, Kentucky. He treats his subs like he treats his heart - cold, indifferent, and distant. The last thing he needs is a ray of sunshine walking into his office to shake up his world. Kelly Markham's had her share of tough breaks. A teenage runaway forced into prostitution just to survive, she grew up fast. When she finally escaped that life and built a new one, every time she found happiness, it got snatched right out from under her. A referral to Steve for a legal matter leads her to visit his club, Eden's Gate, and she finally finds the place where she feels she belongs. As she settles into the club, her longing to have what she had with her deceased Dom returns, and she asks Steve to sign a contract with her. Even though he insists it's only for one month, Kelly hopes she can find a way to crack open his hardened, cold heart. But once in Steve's home, Kelly stumbles upon a staggeringly heartbreaking secret, and she sets about to help Steve heal. She couldn't know that what she'd find could be fatal when she stirs the wrong pot. All of the good intention in the world won't help when the wrong people feel threatened. Her good intentions backfire when Steve explodes and orders her away. It's over, but Kelly wants to finish what she started, even if he hates her for it. Problem is, sometimes if the tiger is sleeping, poking it isn't a good idea. Unknowingly, poke it she has. So when an evil from Steve's past shows up to end them both, can someone open their heart enough to step in and be the hero they were meant to be? WARNING: Contains graphic violence and frequent sexual situations, some of which challenge the boundaries of consensual sex, and may include BDSM and multiple partners. Not suitable for readers under the age of 18.
words, and writers' craft. Brimming with practical examples, key words, teaching ideas, and activities that can be used as-is or adapted to students' needs, these lists are ready to differentiate instruction for an individual student, small-group, or planning multilevel instruction for your whole class. Reading is the center of all school curricula due to recent state and federal initiatives including rigorous standards and new assessments. This book allows you to skip years of curating content and dive right into the classroom armed with smart, relevant, and effective plans. Develop focused learning materials quickly and easily Create unit-specific Common Core aligned lesson plans Link classroom practice to key research in reading, language arts and learning Adapt ready-made ideas to any classroom or level It's more important than ever for students to have access to quality literacy instruction. Timely, up to date, and distinctively smart, The Reading Teacher's Book of Lists should be on every English language arts teacher's desk, librarian's shelf, literacy coach's resource list, and reading professor's radar.

WINNER OF THE 2016 IPPY AWARDS SILVER MEDAL IN SCIENCE! We live in an age of unparalleled discovery in astronomy, with breakthroughs coming at an astounding pace. The questions we are trying to answer are big: How old is the Universe? How do stars and planets form? Are there places beyond Earth where life might exist? The Boundless Universe explores these questions and more by taking a look at the search for life and new planets, the mysteries of dark matter and dark energy, and building bigger and better telescopes. This is your guide to the new astronomical frontier, latest discoveries, and most current research. Join the adventure!

A looseleaf (3-hole punched, binder not included) resource guide that includes a wide range of activities, annotated resource lists, and background readings, primarily for teachers who would like to incorporate more astronomy into their classroom work but may be held back by their own limited backgr

This manual explains what is presented on the nautical chart, highlights the utility of this information, describes the charting conventions used to depict features and items of interest, and provides some practical pointers on how this information is used. It is written to serve many types of users, ranging from operators of recreational vessels to those who drive

Astronomy is written in clear non-technical language, with the occasional touch of humor and a wide range of clarifying illustrations. It has many analogies drawn from everyday life to help non-science
majors appreciate, on their own terms, what our modern exploration of the universe is revealing. The book can be used for either a one-semester or two-semester introductory course (bear in mind, you can customize your version and include only those chapters or sections you will be teaching.) It is made available free of charge in electronic form (and low cost in printed form) to students around the world. If you have ever thrown up your hands in despair over the spiraling cost of astronomy textbooks, you owe your students a good look at this one.


This book features high-quality research papers presented at the International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017). It includes sections describing technical advances in the fields of advanced computing and intelligent engineering.
engineering, which are based on the presented articles. Intended for postgraduate students and researchers working in the discipline of computer science and engineering, the proceedings also appeal to researchers in the domain of electronics as it covers hardware technologies and future communication technologies.

This book focuses on how to effectively integrate the teaching and learning of visual and media literacies in K-12 and higher education. Not only does it address and review the elements and principles of visual design but also identifies, discusses and describes the value of media in learning diverse and challenging content across disciplines. Finally, this book provides a balanced treatment of how visual and media literacies support deep content learning, student engagement, critical thinking, creativity, problem solving, and production.

Ongoing advances in Solar System exploration continue to reveal its splendour and diversity in remarkable detail. This undergraduate-level textbook presents fascinating descriptions and colour images of the bodies in the Solar System, the processes that occur upon and within them, and their origins and evolution. It highlights important concepts and techniques in boxed summaries, while questions and exercises are embedded at appropriate points throughout the text, with full solutions provided. Written and edited by a team of practising planetary scientists, this third edition has been updated to reflect our current knowledge. It is ideal for introductory courses on the subject, and is suitable for self-study. The text is supported by online resources, hosted at www.cambridge.org/solarsystem3, which include selected figures from the book, self-assessment questions and sample tutor assignments, with outlines of suggested answers.

The American Crisis was a series of pamphlets published from 1776 to 1783 during the American Revolution by eighteenth century Enlightenment philosopher and author Thomas Paine. The first volume begins with the famous words "These are the times that try men's souls." There were sixteen pamphlets in total together often known as "The American Crisis" or simply "The Crisis." Thirteen numbered pamphlets were published between 1776-1777 with three additional pamphlets released between 1777-1783. The writings were contemporaneous with the early parts of the American Revolution, during the times that colonists needed inspiring. They were written in a language the common man could manage and are indicative of Paine's liberal philosophies. Paine signed them with one of his many pseudonyms "Common Sense." The writings bolstered the morale of the American colonists, appealed to the English people's consideration of
the war with America, clarified the issues at stake in the war and denounced the advocates of a negotiated peace. We are delighted to publish this classic book as part of our extensive Classic Library collection. Many of the books in our collection have been out of print for decades, and therefore have not been accessible to the general public. The aim of our publishing program is to facilitate rapid access to this vast reservoir of literature, and our view is that this is a significant literary work, which deserves to be brought back into print after many decades. The contents of the vast majority of titles in the Classic Library have been scanned from the original works. To ensure a high quality product, each title has been meticulously hand curated by our staff. Our philosophy has been guided by a desire to provide the reader with a book that is as close as possible to ownership of the original work. We hope that you will enjoy this wonderful classic work, and that for you it becomes an enriching experience.

Although surveillance hit the headlines with revelations by Edward Snowden that the National Security Agency had been tracking phone calls worldwide, surveillance of citizens by their governments actually has been conducted for centuries. Only now, with the advent of modern technologies, it has exponentially evolved so that today you can barely step out your door without being watched or recorded in some way. In addition to the political and security surveillance unveiled by the Snowden revelations, think about corporate surveillance: each swipe of your ID card to enter your office is recorded, not to mention your Internet activity. Or economic surveillance: what you buy online or with a credit card is recorded and your trip to the supermarket is videotaped. Drive through a tollbooth, and your license plate is recorded. Simply walk down a street and your image is recorded again and again and again. Where does this begin and end? In all levels of social structure, from the personal to the political to the economic to the judicial, The SAGE Encyclopedia of Surveillance, Security, and Privacy uncovers and explains how surveillance has come to be an integral part of how our contemporary society operates worldwide and how it impacts our security and privacy. Key features include: Approximately 450 signed entries from contributors around the globe Further readings and cross-references conclude each article to guide students further as they explore a topic A Reader's Guide organizes entries by broad thematic areas

Everything educators need to know to enhance learning for ESL students. This unique teacher time-saver includes scores of helpful, practical lists that may be reproduced for classroom use or referred to in the development of instructional materials and lessons. The material contained in this book helps K-12 teachers reinforce and enhance the
learning of grammar, vocabulary, pronunciation, and writing skills in ESL students of all ability levels. For easy use and quick access, the lists are printed in a format that can be photocopied as many times as required. A complete, thoroughly updated glossary at the end provides an indispensable guide to the specialized language of ESL instruction.

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