American Kernel Lessons Intermediate Student Book

The sociopolitical dimensions of English language teaching are central to the English language professional. These dimensions include language policies, cultural expectations, and the societal roles of languages. This book aims to present these issues to practicing and aspiring teachers in order to raise awareness of the sociopolitical nature of English language teaching.
One of the world's most esteemed and influential psychologists, Roy F. Baumeister, teams with New York Times science writer John Tierney to reveal the secrets of self-control and how to master it. "Deep and provocative analysis of people's battle with temptation and masterful insights into understanding willpower: why we have it, why we don't, and how to build it. A terrific read." —Ravi Dhar, Yale School of Management, Director of Center for Customer Insights Pioneering research psychologist Roy F. Baumeister collaborates with New York Times science writer John Tierney to revolutionize our understanding of the most coveted human virtue: self-control. Drawing on cutting-edge research and the wisdom of real-life experts, Willpower shares lessons on how to focus our strength, resist temptation, and redirect our lives. It shows readers how to be realistic when setting goals, monitor their progress, and how to keep faith when

they falter. By blending practical wisdom with the best of recent research science, Willpower makes it clear that whatever we seek—from happiness to good health to financial security—we won't reach our goals without first learning to harness self-control.

A journal for the teacher of english outside the United States.

Acclaimed author Karen Hesse's Newbery Medal-winning novel-in-verse explores the life of fourteen-year-old Billie Jo growing up in the dust bowls of Oklahoma.

Personalized Learning: A Guide for Engaging Students with Technology is designed to help educators make sense of the shifting landscape in modern education. While changes may pose significant challenges, they also offer countless opportunities to engage students in meaningful ways to improve their learning outcomes. Personalized learning is the key to engaging students, as teachers are leading the way toward making learning as relevant, rigorous, and meaningful inside school as outside and what kids do outside school: connecting and sharing online, and engaging in virtual communities of their own Renowned author of the Heck: Where the Bad Kids Go series, Dale Basye, and award winning educator Peggy Grant, provide a go-to tool available to every teacher today—technology as a way to 'personalize' the education experience for every student, enabling students to learn at their various paces and in the way most

appropriate to their learning styles.

Introduces core concepts in methods and teaching approachesCovering core topics from vocabulary and grammar to teaching, writing speaking and listening, this textbook shows you how to link research to practice in TESOL methodology. It emphasises how current understandings have impacted on the language classroom worldwide and investigates the meaning of 'methods' and 'methodology' and the importance of these for the teacher: as well as the underlying assumptions and beliefs teachers bring to bear in their practice. By introducing you to language teaching approaches, you will explore the way these are influenced by developments in our understanding of language, learning technologies, learners, and their socio-cultural world.Three main areas in TESOL methods are covered: the impact of learner needs, context and culture on language, learning and teaching approaches; knowledge of language and its impact on methods, from the word to whole texts; and multiple literacies and competences for the modern world, including academic literacy and web literacy, socio-cultural and intercultural competence. The impact on teacher choices and methods of World Englishes, approaches to grammar, and learner development is also discussed. Each chapter illustrates core principles in practice using case studies of English teaching worldwide. Guided tasks, including article critique,

case study analysis, and small-scale classroom research, prepare you to engage critically with research literature and use this analysis to inform your own practice.

The studies in this collection address a topic that has recently become the focus of considerable interest in second language acquisition (SLA) research: the acquisition of articles. Languages appear to vary in whether they have articles (English, German, Norwegian do, but Chinese, Japanese, Russian do not). Languages that have articles also appear to divide into those that realise definiteness (e.g. English) and those that realise specificity (e.g. Samoan). When speakers of one type of language learn an L2 of a different type, issues of central concern to SLA research arise: the nature of L1 influence, the time course of development, ultimate attainment, the relationship between performance and competence, and the role of Universal Grammar. These issues are considered in nine studies, written by researchers whose work is at the forefront of enquiry, that offer new data, new perspectives and new insights into the way L2 speakers acquire articles.

Shortlisted for the 2021 Booker Prize Longlisted for the 2021 National Book Award for Fiction A heartrending new novel from the Pulitzer Prize–winning and #1 New York Times best-selling author of The Overstory. Named one of the Most Anticipated Books of 2021 by Newsweek, Los Angeles Times, New York Magazine, Chicago Tribune, BuzzFeed, BookPage, Goodreads, Literary Hub, The Millions, New Statesman, and

Times of London The astrobiologist Theo Byrne searches for life throughout the cosmos while single-handedly raising his unusual nine-year-old, Robin, following the death of his wife. Robin is a warm, kind boy who spends hours painting elaborate pictures of endangered animals. He's also about to be expelled from third grade for smashing his friend in the face. As his son grows more troubled, Theo hopes to keep him off psychoactive drugs. He learns of an experimental neurofeedback treatment to bolster Robin's emotional control, one that involves training the boy on the recorded patterns of his mother's brain… With its soaring descriptions of the natural world, its tantalizing vision of life beyond, and its account of a father and son's ferocious love, Bewilderment marks Richard Powers's most intimate and moving novel. At its heart lies the question: How can we tell our children the truth about this beautiful, imperiled planet?
#1 NEW YORK TIMES BESTSELLER • Meghan, The Duchess of Sussex's first children's book, The Bench, beautifully captures the special relationship between father and son, as seen through a mother's eyes. The book's storytelling and illustration give us snapshots of shared moments that evoke a deep sense of warmth, connection, and compassion. This is your bench Where you'll witness great joy. From here you will rest See the growth of our boy. In The Bench, Meghan, The Duchess of Sussex, touchingly captures the evolving and expanding relationship between father and son and reminds us of the many ways that love can take shape and be expressed

in a modern family. Evoking a deep sense of warmth, connection, and compassion, The Bench gives readers a window into shared and enduring moments between a diverse group of fathers and sons—moments of peace and reflection, trust and belief, discovery and learning, and lasting comfort. Working in watercolor for the first time, Caldecott-winning, bestselling illustrator Christian Robinson expands on his signature style to bring joy and softness to the pages, reflecting the beauty of a father's love through a mother's eyes. With a universal message, this thoughtful and heartwarming read-aloud is destined to be treasured by families for generations to come.

NEW YORK TIMES BEST SELLER • A TODAY SHOW #READWITHJENNA BOOK CLUB PICK! • The moving story of an undocumented child living in poverty in the richest country in the world—an incandescent debut from an astonishing new talent "Heartrending, unvarnished, and powerfully courageous, this account of growing up undocumented in America will never leave you." —Gish Jen, author of The Resisters In Chinese, the word for America, Mei Guo, translates directly to "beautiful country." Yet when seven-year-old Qian arrives in New York City in 1994 full of curiosity, she is overwhelmed by crushing fear and scarcity. In China, Qian's parents were professors; in America, her family is "illegal" and it will require all the determination and small joys they can muster to survive. In Chinatown, Qian's parents labor in sweatshops. Instead of laughing at her jokes, they fight constantly, taking out the stress of their new life on one another. Shunned by her classmates and teachers for her limited English, Qian

takes refuge in the library and masters the language through books, coming to think of The Berenstain Bears as her first American friends. And where there is delight to be found, Qian relishes it: her first bite of gloriously greasy pizza, weekly "shopping days," when Qian finds small treasures in the trash lining Brooklyn's streets, and a magical Christmas visit to Rockefeller Center—confirmation that the New York City she saw in movies does exist after all. But then Qian's headstrong Ma Ma collapses, revealing an illness that she has kept secret for months for fear of the cost and scrutiny of a doctor's visit. As Ba Ba retreats further inward, Qian has little to hold onto beyond his constant refrain: Whatever happens, say that you were born here, that you've always lived here. Inhabiting her childhood perspective with exquisite lyric clarity and unforgettable charm and strength, Qian Julie Wang has penned an essential American story about a family fracturing under the weight of invisibility, and a girl coming of age in the shadows, who never stops seeking the light.

A relation of cruel optimism exists when something you desire is actually an obstacle to your flourishing. Offering bold new ways of conceiving the present, Lauren Berlant describes the cruel optimism that has prevailed since the 1980s, as the social-democratic promise of the postwar period in the United States and Europe has retracted. People have remained attached to unachievable fantasies of the good life—with its promises of upward mobility, job security, political and social equality, and durable intimacy—despite evidence that liberal-capitalist societies can no longer be

counted on to provide opportunities for individuals to make their lives "add up to something." Arguing that the historical present is perceived affectively before it is understood in any other way, Berlant traces affective and aesthetic responses to the dramas of adjustment that unfold amid talk of precarity, contingency, and crisis. She suggests that our stretched-out present is characterized by new modes of temporality, and she explains why trauma theory—with its focus on reactions to the exceptional event that shatters the ordinary—is not useful for understanding the ways that people adjust over time, once crisis itself has become ordinary. Cruel Optimism is a remarkable affective history of the present.

"This book is a message from autistic people to their parents, friends, teachers, coworkers and doctors showing what life is like on the spectrum. It's also my love letter to autistic people. For too long, we have been forced to navigate a world where all the road signs are written in another language." With a reporter's eye and an insider's perspective, Eric Garcia shows what it's like to be autistic across America. Garcia began writing about autism because he was frustrated by the media's coverage of it; the myths that the disorder is caused by vaccines, the narrow portrayals of autistic people as white men working in Silicon Valley. His own life as an autistic person didn't look anything like that. He is Latino, a graduate of the University of North Carolina, and works as a journalist covering politics in Washington D.C. Garcia realized he needed to put into writing what so many autistic people have been saying for years; autism is a

part of their identity, they don't need to be fixed. In We're Not Broken, Garcia uses his own life as a springboard to discuss the social and policy gaps that exist in supporting those on the spectrum. From education to healthcare, he explores how autistic people wrestle with systems that were not built with them in mind. At the same time, he shares the experiences of all types of autistic people, from those with higher support needs, to autistic people of color, to those in the LGBTQ community. In doing so, Garcia gives his community a platform to articulate their own needs, rather than having others speak for them, which has been the standard for far too long.

An enlightening narrative exploring an oft-overlooked aspect of the sixteenth president's life, An American Marriage reveals the tragic story of Abraham Lincoln's marriage to Mary Todd. Abraham Lincoln was apparently one of those men who regarded "connubial bliss" as an untenable fantasy. During the Civil War, he pardoned a Union soldier who had deserted the army to return home to wed his sweetheart. As the president signed a document sparing the soldier's life, Lincoln said: "I want to punish the young man—probably in less than a year he will wish I had withheld the pardon." Based on thirty years of research, An American Marriage describes and analyzes why Lincoln had good reason to regret his marriage to Mary Todd. This revealing narrative shows that, as First Lady, Mary Lincoln accepted bribes and kickbacks, sold permits and pardons, engaged in extortion, and peddled influence. The reader comes to learn that Lincoln wed Mary Todd because, in all likelihood, she seduced him and then insisted that he protect her honor. Perhaps surprisingly, the 5'2" Mrs. Lincoln often physically abused her 6'4" husband, as well as her children and servants; she humiliated her

husband in public; she caused him, as president, to fear that she would disgrace him publicly. Unlike her husband, she was not profoundly opposed to slavery and hardly qualifies as the "ardent abolitionist" that some historians have portrayed. While she providid a useful stimulus to his ambition, she often "crushed his spirit," as his law partner put it. In the end, Lincoln may not have had as successful a presidency as he did—where he showed a preternatural ability to deal with difficult people—if he had not had so much practice at home.

An English course for secondary and adult students at the advanced level.

An authorised reissue of the long out of print classic textbook, Advanced Calculus by the late Dr Lynn Loomis and Dr Shlomo Sternberg both of Harvard University has been a revered but hard to find textbook for the advanced calculus course for decades. This book is based on an honors course in advanced calculus that the authors gave in the 1960's. The foundational material, presented in the unstarred sections of Chapters 1 through 11, was normally covered, but different applications of this basic material were stressed from year to year, and the book therefore contains more material than was covered in any one year. It can accordingly be used (with omissions) as a text for a year's course in advanced calculus, or as a text for a three-semester introduction to analysis. The prerequisites are a good grounding in the calculus of one variable from a mathematically rigorous point of view, together with some acquaintance with linear algebra. The reader should be familiar with limit and continuity type arguments and have a certain amount of mathematical sophistication. As possible introductory texts, we mention Differential and Integral Calculus by R Courant, Calculus by T Apostol, Calculus by M Spivak, and Pure Mathematics by G Hardy. The reader should also have some experience with partial derivatives. In overall plan the book divides roughly into a first half which develops

the calculus (principally the differential calculus) in the setting of normed vector spaces, and a second half which deals with the calculus of differentiable manifolds.

The late author, one of the first women to enter the field of management consulting, experienced what she described as "nibbles"--little bites that life takes out of a person's self confidence. She offers a process for dealing with the world that moves the reader toward personal power and growth arising out of the unique values and strengths of each person. "We finally have the definitive treatise on PyTorch! It covers the basics and abstractions in great detail. I hope this book becomes your extended reference document." —Soumith Chintala, co-creator of PyTorch Key Features Written by PyTorch's creator and key contributors Develop deep learning models in a familiar Pythonic way Use PyTorch to build an image classifier for cancer detection Diagnose problems with your neural network and improve training with data augmentation Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands. Instantly familiar to anyone who knows Python data tools like NumPy and Scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's great for building quick models, and it scales smoothly from laptop to enterprise. Deep Learning with PyTorch teaches you to create deep learning and neural network systems with PyTorch. This practical book gets you to work right away building a tumor image classifier from scratch. After covering the basics, you'll learn best practices for the entire deep learning pipeline, tackling advanced projects as your PyTorch skills become more sophisticated. All

code samples are easy to explore in downloadable Jupyter notebooks. What You Will Learn Understanding deep learning data structures such as tensors and neural networks Best practices for the PyTorch Tensor API, loading data in Python, and visualizing results Implementing modules and loss functions Utilizing pretrained models from PyTorch Hub Methods for training networks with limited inputs Sifting through unreliable results to diagnose and fix problems in your neural network Improve your results with augmented data, better model architecture, and fine tuning This Book Is Written For For Python programmers with an interest in machine learning. No experience with PyTorch or other deep learning frameworks is required. About The Authors Eli Stevens has worked in Silicon Valley for the past 15 years as a software engineer, and the past 7 years as Chief Technical Officer of a startup making medical device software. Luca Antiga is co-founder and CEO of an AI engineering company located in Bergamo, Italy, and a regular contributor to PyTorch. Thomas Viehmann is a Machine Learning and PyTorch speciality trainer and consultant based in Munich, Germany and a PyTorch core developer. Table of Contents PART 1 - CORE PYTORCH 1 Introducing deep learning and the PyTorch Library 2 Pretrained networks 3 It starts with a tensor 4 Real-world data representation using tensors 5 The mechanics of learning 6 Using a neural network to fit the data 7 Telling birds from airplanes: Learning from images 8 Using convolutions to generalize PART 2 - LEARNING FROM IMAGES IN THE REAL WORLD: EARLY DETECTION OF LUNG CANCER 9 Using PyTorch to fight cancer 10 Combining data sources into a unified dataset 11 Training a classification model to detect suspected tumors 12 Improving training with metrics and augmentation 13 Using segmentation to find suspected nodules 14 End-to-end nodule analysis, and where to go next PART 3 - DEPLOYMENT 15

Deploying to production

"HELP! My Students Can't Write!" Why You Need a Writing Revolution in Your Classroom and How to Lead It. The Writing Revolution (TWR) provides a clear method of instruction that you can use no matter what subject or grade level you teach. The model, also known as The Hochman Method, has demonstrated, over and over, that it can turn weak writers into strong communicators by focusing on specific techniques that match their needs and by providing them with targeted feedback. Insurmountable as the challenges faced by many students may seem, TWR can make a dramatic difference. And the method does more than improve writing skills. It also helps: Boost reading comprehension Improve organizational and study skills Enhance speaking abilities Develop analytical capabilities TWR is as much a method of teaching content as it is a method of teaching writing. There's no separate writing block and no separate writing curriculum. Instead, teachers of all subjects adapt the TWR strategies and activities to their current curriculum and weave them into their content instruction. But perhaps what's most revolutionary about the TWR method is that it takes the mystery out of learning to write well. It breaks the writing process down into manageable chunks and then has students practice the chunks they need, repeatedly, while also learning content.

Annotation Slabakova (U. of Iowa) examines the second language acquisition of English telicity marking by native speakers of Bulgarian. Particular attention is paid to subtle differences between English and Slavic telic and atelic sentences. Slabakova contends that Vendler's lexical classes of verbs can be represented in four phrase structure templates, where lexical properties of the verb and of the

object compositionally determine telicity. The text is a revised version of the author's Ph.D. thesis (1997, McGill U.) Annotation c. Book News, Inc., Portland, OR (booknews.com).

"What does everyone in the modern world need to know? [The author's] answer to this most difficult of questions uniquely combines the hard-won truths of ancient tradition with the stunning revelations of cutting-edge scientific research. [The author discusses] discussing discipline, freedom, adventure and responsibility, distilling the world's wisdom into 12 practical and profound rules for life"--

This is a one-level course for beginners which uses a comprehension-led approach. It is particularly suitable for adult learners who have not studied for some time, offering strong story lines, with simple language, yet a high cultural content. It is equally suitable for students who want some knowledge of English for leisure or travel, but do not wish to go on to study the language intensively.

American Kernel LessonsIntermediateLongman Publishing GroupAmerican Kernel lessonsintermediate. Student's testsLongman Publishing GroupAmerican Kernel LessonsAdvanced Student BookLongman Publishing Group

Presents a variety of facts about popcorn and includes two recipes.

This book describes the creative strategies employed by teachers and students

in periphery communities in order to use the English language in a manner that suits their needs while subtly resisting the linguistic imperialism that many scholars have identified as the consequence of the global ELT enterprise. After developing trends and ideas from those oppositional strategies, the book goes on to outline elements of a critical pedagogy suitable for ELT in formerly colonized communities. As the English language continues to spread globally, this book will be essential reading for English teachers and applied linguists wishing to understand the ideological challenges in the periphery. Curriculum planners and policy makers will also find it a necessary aid to exploring the pedagogical alternatives.

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build

intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

"The little girl I was would have been thrilled to encounter Meilan... having found a character who embraces the complexity of being both Chinese and American, I would have been able to echo her words: 'I am not alone.'" —New York Times Book Review by Jean Kwok A family feud before the start of seventh grade propels Meilan from Boston's Chinatown to rural Ohio, where she must tap into her inner strength and sense of justice to make a new place for herself in this resonant debut. Meilan Hua's world is made up of a few key ingredients: her family's beloved matriarch, Nai Nai; the bakery her parents, aunts, and uncles own and run in Boston's Chinatown; and her favorite Chinese fairy tales. After Nai Nai passes, the family has a falling-out that sends Meilan, her parents, and her grieving grandfather on the road in search of a new home. They take a winding path across the country before landing in Redbud, Ohio. Everything in Redbud is the opposite of Chinatown, and Meilan's not quite sure who she is--being renamed at school only makes it worse. She decides she is many Meilans, each inspired by a different Chinese character with the same pronunciation as her name. Sometimes she is Mist, cooling and invisible; other times, she's Basket, carrying her parents' hopes and dreams and her guilt of not living up to them; and occasionally she is bright Blue, the way she feels around her new friend Logan. Meilan keeps her facets separate until an injustice at school shows her the power of bringing her many selves together. The Many Meanings of Meilan, written in stunning prose by Andrea Wang, is an exploration of all the things it's possible to grieve, the injustices large and small that make us rage, and the peace that's unlocked when we learn to

find home within ourselves.

Now in its second edition, this accessible guide and introduction to critical applied linguistics provides a clear overview of the problems, debates, and competing views in language education, literacy, discourse analysis, language in the workplace, translation, and other language-related domains. Covering both critical theory and domains of practice, the book is organized around five themes: the politics of knowledge, the politics of language, the politics of difference, the politics of texts, and the politics of pedagogy. Recognizing that a changing world requires new ways of thinking, and that many approaches have watered down over time, the new edition applies a sharp, fresh look at established and new intellectual frameworks. The second edition is comprehensively updated with additional research throughout and features new discussions of colonialism, queer theory, race and gender, translanguaging, and posthumanism. With a critical focus on the role of applied linguists, Pennycook emphasizes the importance of a situated, collaborative perspective that takes the discussion away from questions of implementation, and insists instead that critical applied linguistics has to be an emergent program from the contexts in which it works. This landmark text is essential reading for students and researchers of applied linguistics, multilingualism, language and education, TESOL, and language and identity.

A tour-de-force by rising indy comics star Gene Yang, American Born Chinese tells the story of three apparently unrelated characters: Jin Wang, who moves to a new neighborhood with his family only to discover that he's the only Chinese-American student at his new school; the powerful Monkey King, subject of one of the oldest and greatest Chinese fables; and Chin-Kee, a personification of the ultimate negative Chinese stereotype, who is ruining his cousin Danny's

life with his yearly visits. Their lives and stories come together with an unexpected twist in this action-packed modern fable. American Born Chinese is an amazing ride, all the way up to the astonishing climax. American Born Chinese is a 2006 National Book Award Finalist for Young People's Literature, the winner of the 2007 Eisner Award for Best Graphic Album: New, an Eisner Award nominee for Best Coloring and a 2007 Bank Street - Best Children's Book of the Year. This title has Common Core Connections

Ninth-grader Philip Malloy's suspension for humming "The Star-Spangled Banner" during homeroom becomes a national news story.

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