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BEYOND THE BUBBLE TEST

HOW PERFORMANCE ASSESSMENTS SUPPORT 21ST CENTURY LEARNING

John Wiley & Sons Performance assessment is a hot topic in school systems, and educators continue to analyze its costs, benefits, and feasibility as a replacement for high-stakes testing. Until now, researchers and policymakers have had to dig to find out what we know and what we still have to learn about performance assessment. Beyond the Bubble Test: How Performance Assessments Support 21st Century Learning synthesizes the latest findings in the field, and not a moment too soon. Statistics indicate that the United States is in danger of falling behind if it fails to adapt to our changing world. The memory and recall strategies of traditional testing are no longer adequate to equip our students with the skills they need to excel in the global economy. Instead teachers need to engage students in deeper learning, assessing their ability to use higher-order skills. Skills like synthesizing information, understanding evidence, and critical problem-solving are not achieved when we teach to multiple-choice exams. Examples in Beyond the Bubble Test paint a useful picture of how schools can begin to supplement traditional tests with something that works better. This book provides new perspectives on current performance assessment research, plus an incisive look at what's possible at the local and state levels. Linda Darling-Hammond, with a team of leading scholars, bring together lessons learned, new directions, and solid recommendations into a single, readily accessible compendium. Beyond the Bubble Test situates the current debate on performance assessment within the context of testing in the United States. This comprehensive resource also looks beyond our U.S. borders to Singapore, Hong Kong, and other places whose reform-mindedness can serve as an example to us.

NEXT GENERATION ASSESSMENT

MOVING BEYOND THE BUBBLE TEST TO SUPPORT 21ST CENTURY LEARNING

John Wiley & Sons A forward-thinking look at performance assessment in the 21st century Next Generation Assessment: Moving Beyond the Bubble Test to Support 21st Century Learning provides needed answers to the nation's growing concerns about educational testing in America. Drawing on research and the experiences of leading states and countries, this new book examines how performance assessments can offer a feasible alternative to current high stakes tests. As parents, educators, and policymakers have increasingly criticized the effects of the teaching to the test mandate from the No Child Left Behind Act, the need for this resource has never been more critical. This summary volume to Beyond the Bubble Test speaks to the nationwide unease about current tests' focus on low-level skills, like recalling and restating facts, rather than higher-order skills such as problem-solving, analyzing, and synthesizing information. It illustrates how schools can use authentic assessments to improve teaching and learning as they involve students in conducting research, designing investigations, developing products and solutions, using technology, and communicating their ideas in many forms. This important book: Serves as a must-have resource for those interested in the most current research about how to create valid and reliable performance assessments Explains how educators can improve

practice by developing, using, and scoring performance assessments Helps policymakers and educators accurately assess the benefits and possibilities of adopting performance assessments nationally If you're an educator, researcher, graduate student, district administrator, or education policy specialist, Next Generation Assessment is an indispensable resource you'll turn to again and again.

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THE PEDAGOGY OF STANDARDIZED TESTING

THE RADICAL IMPACTS OF EDUCATIONAL STANDARDIZATION IN THE US AND CANADA

Springer Based on a large-scale international study of teachers in Los Angeles, Chicago, Ontario, and New York, this book illustrates the ways increased use of high-stakes standardized testing is fundamentally changing education in the US and Canada with a negative overall impact on the way teachers teach and students learn. Standardized testing makes understanding students' strengths and weaknesses more difficult, and class time spent on testing consumes scarce time and attention needed to support the success of all students—further disadvantaging ELLs, students with exceptionalities, low income, and racially minoritized students.

QUALITY PERFORMANCE ASSESSMENT

A GUIDE FOR SCHOOLS AND DISTRICTS

Created at the Center for Collaborative Education, this is a practical guide for implementing performance assessments in schools and school districts. It includes extensive tools and assessments aligned with the Common Core. The guide is spiral bound for use by teachers and teams of educators. It offers full discussion of issues pertaining to performance assessment.

DESIGNING AND USING PERFORMANCE TASKS

ENHANCING STUDENT LEARNING AND ASSESSMENT

Corwin Press Stretch student thinking with performance-based tasks. With the continual increase of high-stakes assessments also comes the surge of professional development on designing performance-based tasks. Providing step-by-step insights, this book shows you how to incorporate performance tasks as a tool to teach, monitor, and extend student learning. If you're ready to stretch your students' thinking, grab a copy of this how-to guide to help you: Make instructional decisions based on student performance of learning tasks Incorporate learning progressions as an integral part of planning performance tasks Close the "knowing-doing" gap by focusing on considerations for successful implementation

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USING DATA TO IMPROVE STUDENT LEARNING

THEORY, RESEARCH AND PRACTICE

Springer Nature This book offers a coherent research-based overview and analysis of theories and practices in using data to improve student learning. It clarifies what 'use of data' means and differentiates the different levels of decision-making in education (relating to the system, district, school, classroom, or individual student). The relationship between data and decision-making is considered and various movements in the use of data to improve student learning are analysed, especially from the perspective of their assumptions and effects. This leads to a focus on effective educational decision-making as a social process requiring collaboration among all relevant participants. It also requires a clear understanding of educational aims, and these are seen to transcend what can be assessed by standardised tests. The consequences of this analysis for decision processes are explored and conclusions are drawn about what principles might best guide educational practice as well as what ambiguities remain. Throughout, the focus is on what existing research says about each of the issues explored.

THE TEST

WHY OUR SCHOOLS ARE OBSESSED WITH STANDARDIZED TESTING-BUT YOU DON'T HAVE TO BE

PublicAffairs "[The anti-testing] movement now has a guidebook. . . . Kamenetz shows how fundamentally American it would be to move toward a more holistic system." -New York Times Book Review The Test is an essential and critically acclaimed book for any parent confounded by our national obsession with standardized testing. It recounts the shocking history and tempestuous politics of testing and borrows strategies from fields as diverse as games, neuroscience, and ancient philosophy to help children cope. It presents the stories of families, teachers, and schools maneuvering within and beyond the existing educational system, playing and winning the testing game. And it points the way toward a hopeful future of better tests and happier kids.

HANDBOOK OF TEST DEVELOPMENT

Routledge The second edition of the Handbook of Test Development provides graduate students and professionals with an up-to-date, research-oriented guide to the latest developments in the field. Including thirty-two chapters by well-known scholars and practitioners, it is divided into five sections, covering the foundations of test development, content definition, item development, test design and form assembly, and the processes of test administration, documentation, and evaluation. Keenly aware of developments in the field since the publication of the first edition, including changes in technology, the evolution of psychometric theory, and the increased demands for effective tests via educational policy, the editors of this edition include new chapters on assessing noncognitive skills, measuring growth and learning progressions, automated item generation and test assembly, and computerized scoring of constructed responses. The volume also includes expanded coverage of performance testing, validity, fairness, and numerous other topics. Edited by Suzanne Lane, Mark R. Raymond, and Thomas M. Haladyna, The Handbook of Test Development, 2nd edition, is based on the revised Standards for Educational and Psychological Testing, and is appropriate for graduate courses and seminars that deal with test development and usage, professional testing services and credentialing agencies, state and local boards of education, and academic libraries serving these groups.

ASSESSING DEEPER LEARNING

DEVELOPING, IMPLEMENTING, AND SCORING PERFORMANCE TASKS

Rowman & Littlefield Assessing Deeper Learning explores how performance assessment advances deeper learning—the skills students need for 21st century success. The book examines different aspects of performance assessment and details how a large school district used performance tasks to assess their students' critical-thinking, problem-solving, and communication skills.

TEACHING IN THE FLAT WORLD

LEARNING FROM HIGH-PERFORMING SYSTEMS

Teachers College Press Teaching in the Flat World will help school systems improve their teacher workforce by drawing important lessons from nations with high-performing educational systems, as well as from successful state experiments in the United States. The authors examine common features and differences in the approaches of high-performing systems that made education a top priority and developed high-leverage strategies to meet their goals. Their varied solutions offer valuable ideas for how to create a strong teacher and school administrator corps from recruitment and preparation through induction, professional development, evaluation, and career advancement into leadership roles. Chapters focusing on systems in Finland, Ontario, and Singapore are coauthored by local scholars with extensive knowledge of the history and current status of policy and practice in their nation. A final chapter highlights attributes that are absolutely necessary for any education system to flourish. The book will be useful to policymakers, practitioners, and researchers interested in strengthening the quality of teaching. "Proposes a systemic and comprehensive approach to put flesh on the American dream of a high-quality, excellent education for students of all backgrounds. School systems, colleges of education, and policymakers can all learn from these approaches." —Sonia Nieto, Professor Emerita, Language, Literacy and Culture College of Education, University of Massachusetts, Amherst "I do not believe that other nations have smarter students than we do. But it is clear that some nations have better systems of education than we do. This book is filled with ideas that will change that!" —David Berliner, author of 50 Myths and Lies That Threaten America's Public Schools "Teaching in the Flat World is without a doubt the best single collection you will find on the topic of improving the teaching profession. It's got everything, including six great lessons from successful systems that you will not want to miss." —Michael Fullan, Professor Emeritus, OISE, University of Toronto

READING LIKE A HISTORIAN

TEACHING LITERACY IN MIDDLE AND HIGH SCHOOL HISTORY CLASSROOMS

Teachers College Press This practical resource shows you how to apply Sam Wineburg's highly acclaimed approach to teaching, "Reading Like a Historian," in your middle and high school classroom to increase academic literacy and spark students curiosity. Chapters cover key moments in American history, beginning with exploration and colonization and ending with the Cuban Missile Crisis.

PISA TAKE THE TEST SAMPLE QUESTIONS FROM OECD'S PISA ASSESSMENTS

SAMPLE QUESTIONS FROM OECD'S PISA ASSESSMENTS

OECD Publishing This book presents all the publicly available questions from the PISA surveys. Some of these questions were used in the PISA 2000, 2003 and 2006 surveys and others were used in developing and trying out the assessment.

THE SAGE ENCYCLOPEDIA OF EDUCATIONAL RESEARCH, MEASUREMENT, AND EVALUATION

SAGE Publications This encyclopedia is the first major reference guide for students new to the field, covering traditional areas while pointing the way to future developments.

MCGRAW-HILL'S 10 ACT PRACTICE TESTS, SECOND EDITION

McGraw Hill Professional We want to give you the practice you need on the ACT McGraw-Hill's 10 ACT Practice Tests helps you gauge what the test measures, how it's structured, and how to budget your time in each section. Written by the founder and faculty of Advantage Education, one of America's most respected providers of school-based test-prep classes, this book provides you with the intensive ACT practice that will help your scores improve from each test to the next. You'll be able to sharpen your skills, boost your confidence, reduce your stress-and to do your very best on test day. 10 complete

sample ACT exams, with full explanations for every answer 10 sample writing prompts for the optional ACT essay portion Scoring Worksheets to help you calculate your total score for every test Expert guidance in prepping students for the ACT More practice and extra help online ACT is a registered trademark of ACT, Inc., which was not involved in the production of, and does not endorse, this product.

THE WILEY HANDBOOK OF SOCIAL STUDIES RESEARCH

John Wiley & Sons *The Wiley Handbook of Social Studies Research* is a wide-ranging resource on the current state of social studies education. This timely work not only reflects on the many recent developments in the field, but also explores emerging trends. This is the first major reference work on social studies education and research in a decade An in-depth look at the current state of social studies education and emerging trends Three sections cover: foundations of social studies research, theoretical and methodological frameworks guiding social studies research, and current trends and research related to teaching and learning social studies A state-of-the-art guide for both graduate students and established researchers Guided by an advisory board of well-respected scholars in social studies education research

WORLD YEARBOOK OF EDUCATION 2017

ASSESSMENT INEQUALITIES

Routledge This latest volume in the *World Yearbook of Education* series examines the relationship between assessment systems and efforts to advance equity in education at a time of growing inequalities. It focuses on the political motives behind the expansion of an assessment industry, the associated expansion of an SEN industry and a growth in consequential accountability systems. Split into three key sections, the first part is concerned with the assessment industry, and considers the purpose and function of assessment in policy and politics and the political context in which particular assessment practices have emerged. Part II of the book, on assessing deviance, explores those assessment and identification practices that seek to classify different categories of learners, including children with Limited English Proficiency, with special needs and disabilities and with behavioural problems. The final part of the book considers the consequences of assessment and the possibility of fairer and more equitable alternatives, examining the production of inequalities within assessment in relation to race, class, gender and disability. Discussing in detail the complex historical intersections of assessment and educational equity with particular attention to the implications for marginalised populations of students and their families, this volume seeks to provide reframings and reconceptualisations of assessment and identification by offering new insights into economic and cultural trends influencing them. Co-edited by two internationally renowned scholars, Julie Allan and Alfredo J. Artiles, *World Yearbook of Education 2017* will be a valuable resource for researchers, graduates and policy makers who are interested in the economic trends of global education assessment.

IMPLEMENTING PERFORMANCE ASSESSMENT

PROMISES, PROBLEMS, AND CHALLENGES

Routledge As the commitment to performance assessments as a strategy of reform has increased across the nation, so has the controversy surrounding the purposes, development, implementation, and effects of alternative forms of assessment. One of the first of its kind, this edited volume provides an incisive and comprehensive account of the issues pertaining to performance assessments. The 10 papers comprising the volume were originally written to establish a conceptual framework for a three-year U.S. Department of Education, Office of Educational Research and Improvement sponsored national study of performance assessments. Written by leading experts in the field, the papers explicate the central issues regarding the development, implementation, and utility of performance assessments. The topics covered by the papers include: * a discussion of contemporary as well as historical events in the performance assessment movement; * technical characteristics of performance assessments, including reliability, validity, generalizability, and calibration; * conceptualization and calculation of the costs of performance assessments; * the implications of performance assessments on students who have traditionally done less well in American schools, including racial and linguistic minorities; * the fit between performance assessments and organizational change in education; and * the utilization of performance assessment as an instrument of state policy. Readers will find the policy and technical issues covered in this volume to be useful from a variety of academic, research, and policy perspectives including conceptualizing and implementing performance assessments.

DEVELOPING OUTCOMES-BASED ASSESSMENT FOR LEARNER-CENTERED EDUCATION

A FACULTY INTRODUCTION

Stylus Publishing, LLC The authors--a once-skeptical chemistry professor and a director of assessment sensitive to the concerns of her teacher colleagues--use a personal voice to describe the basics of outcomes-based assessment. The purpose of the book is to empower faculty to develop and maintain ownership of assessment by articulating the learning outcomes and evidence of learning that are

appropriate for their courses and programs. The authors offer readers a guide to the not always tidy process of articulating expectations, defining criteria and standards, and aligning course content consistently with desired outcomes. The wealth of examples and stories, including accounts of successes and false starts, provide a realistic and honest guide to what's involved in the institutionalization of assessment.

GLOBAL EDUCATION REFORM

HOW PRIVATIZATION AND PUBLIC INVESTMENT INFLUENCE EDUCATION OUTCOMES

Routledge With contributions from Linda Darling-Hammond, Michael Fullan, Pasi Sahlberg, and Martin Carnoy, *Global Education Reform* is an eye-opening analysis of national educational reforms and the types of high-achieving systems needed to serve all students equitably. The collection documents the ideologically and educationally distinctive approaches countries around the world have taken to structuring their education systems. Focusing on three pairs of case studies written by internationally acclaimed experts, the book provides a powerful analysis of the different ends of an ideological spectrum—from strong state investments in public education to market-based approaches. An introductory chapter offers an overview of the theories guiding both neoliberal reforms such as those implemented in Chile, Sweden and the United States with efforts to build strong and equitable public education systems as exemplified by Cuba, Finland and Canada. The pairs of case studies that follow examine the historical evolution of education within an individual country and compare and contrast national educational outcomes. A concluding chapter dissects the educational outcomes of the differing economic and governance approaches, as well as the policy implications.

DRIVE

THE SURPRISING TRUTH ABOUT WHAT MOTIVATES US

Penguin The New York Times bestseller that gives readers a paradigm-shattering new way to think about motivation from the author of *When: The Scientific Secrets of Perfect Timing* Most people believe that the best way to motivate is with rewards like money—the carrot-and-stick approach. That's a mistake, says Daniel H. Pink (author of *To Sell Is Human: The Surprising Truth About Motivating Others*). In this provocative and persuasive new book, he asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business does—and how that affects every aspect of life. He examines the three elements of true motivation—autonomy, mastery, and purpose—and offers smart and surprising techniques for putting these into action in a unique book that will change how we think and transform how we live.

THE DEATH AND LIFE OF THE GREAT AMERICAN SCHOOL SYSTEM

HOW TESTING AND CHOICE ARE UNDERMINING EDUCATION

Basic Books (AZ) Discusses how school choice, misapplied standards of accountability, the No Child Left Behind mandate, and the use of a corporate model have all led to a decline in public education and presents arguments for a return to strong neighborhood schools and quality teaching.

HISTORICAL THINKING AND OTHER UNNATURAL ACTS

CHARTING THE FUTURE OF TEACHING THE PAST

Critical Perspectives on the P Whether he is comparing how students and historians interpret documentary evidence or analyzing children's drawings, Wineburg's essays offer rough maps of how ordinary people think about the past and use it to understand the present. These essays acknowledge the role of collective memory in filtering what we learn in school and shaping our historical thinking.

AUTHENTIC ASSESSMENT IN ACTION

STUDIES OF SCHOOLS AND STUDENTS AT WORK

Teachers College Press This book examines, through case studies of elementary and secondary schools, how five schools have developed “authentic,” performance-based assessments of students’

learning, and how this work has interacted with and influenced the teaching and learning experiences students encounter in school. This important and timely book reveals the changing dynamics of classroom life as it moves from more traditional pedagogy to one that asks students to master intellectual and practical skills that are eminently transferable to “real-life” social settings and workplaces. “The issue of assessment comes first, but we see in the following case studies how it becomes powerfully enveloped in the processes of learning and teaching, of informing students, teachers, parents, and others of ‘how the children are doing.’ The portraits explicitly and implicitly suggest a deep, fair, and defensible way to answer the question ‘How’m I doing?’ in a manner that helps this child and eventually every child.” —From the Foreword by Theodore R.Sizer “Informative and thought provoking.” —American Journal of Education

MEASURING WHAT MATTERS MOST

CHOICE-BASED ASSESSMENTS FOR THE DIGITAL AGE

MIT Press An argument that choice-based, process-oriented educational assessments are more effective than static assessments of fact retrieval. If a fundamental goal of education is to prepare students to act independently in the world—in other words, to make good choices—an ideal educational assessment would measure how well we are preparing students to do so. Current assessments, however, focus almost exclusively on how much knowledge students have accrued and can retrieve. In *Measuring What Matters Most*, Daniel Schwartz and Dylan Arena argue that choice should be the interpretive framework within which learning assessments are organized. Digital technologies, they suggest, make this possible; interactive assessments can evaluate students in a context of choosing whether, what, how, and when to learn. Schwartz and Arena view choice not as an instructional ingredient to improve learning but as the outcome of learning. Because assessments shape public perception about what is useful and valued in education, choice-based assessments would provide a powerful lever in this reorientation in how people think about learning. Schwartz and Arena consider both theoretical and practical matters. They provide an anchoring example of a computerized, choice-based assessment, argue that knowledge-based assessments are a mismatch for our educational aims, offer concrete examples of choice-based assessments that reveal what knowledge-based assessments cannot, and analyze the practice of designing assessments. Because high variability leads to innovation, they suggest democratizing assessment design to generate as many instances as possible. Finally, they consider the most difficult aspect of assessment: fairness. Choice-based assessments, they argue, shed helpful light on fairness considerations.

LEADERSHIP IN EDUCATION

ORGANIZATIONAL THEORY FOR THE PRACTITIONER, SECOND EDITION

Waveland Press With new coauthor Leslie Gonzales, Russ Marion maintains the tradition of well-balanced, well-researched, and lively discussions of classic and contemporary leadership theories and their applications. The extensively revised Second Edition adds coverage of leader-member exchange theory, sensemaking, group conflict, and critical race and critical feminist perspectives, as well as a fuller treatment of transformational leadership. The authors begin with a brief look at the pros and cons of general entity- and collectivist-based approaches to leadership, reflecting key debates in the leadership literature. Next, readers encounter the history and applications of specific entity-based theories, followed by a discussion of conflict theory, which provides an apt transition to the exploration of collectivist ideas. The book finishes with coverage of critical theory, institutionalism, and population ecology theories that focus more on the organizational context for leadership than on leadership styles. Throughout this updated edition, the authors use metaphors and real-world examples from inside and outside educational contexts. Numerous figures, case studies, roundtable discussions, group activities, and reflective exercises engage readers and accelerate learning. Link Forward and Link Back sections reference upcoming or previous chapters to show that theories are dynamic. *Leadership in Education, Second Edition*, raises the bar for understanding and reinforcing practical applications of various theories in settings and situations that school administrators are likely to encounter.

HIGH PERFORMANCE JAVASCRIPT

BUILD FASTER WEB APPLICATION INTERFACES

"O'Reilly Media, Inc." If you're like most developers, you rely heavily on JavaScript to build interactive and quick-responding web applications. The problem is that all of those lines of JavaScript code can slow down your apps. This book reveals techniques and strategies to help you eliminate performance bottlenecks during development. You'll learn how to improve execution time, downloading, interaction with the DOM, page life cycle, and more. Yahoo! frontend engineer Nicholas C. Zakas and five other JavaScript experts—Ross Harmes, Julien Lecomte, Steven Levithan, Stoyan Stefanov, and Matt Sweeney—demonstrate optimal ways to load code onto a page, and offer programming tips to help your JavaScript run as efficiently and quickly as possible. You'll learn the best practices to build and deploy your files to a production environment, and tools that can help you find problems once your site goes live. Identify problem code and use faster alternatives to accomplish the same task Improve scripts by learning how JavaScript stores and accesses data Implement JavaScript code so that it doesn't slow down interaction with the DOM Use optimization techniques to improve runtime performance

Learn ways to ensure the UI is responsive at all times Achieve faster client-server communication Use a build system to minify files, and HTTP compression to deliver them to the browser

THE EXPERT EFFECT

A THREE-PART SYSTEM TO BREAK DOWN THE WALLS OF YOUR CLASSROOM AND CONNECT YOUR STUDENTS TO THE WORLD

Edumatch The Expert Effect includes practical teaching strategies and QR code links to resources and templates that make it easy to integrate this system into your curriculum. Regardless of the grade level you teach, you'll find inspiration and ideas that will help you engage your students in an unforgettable way.

HANDBOOK OF TEST DEVELOPMENT

Routledge The second edition of the Handbook of Test Development provides graduate students and professionals with an up-to-date, research-oriented guide to the latest developments in the field. Including thirty-two chapters by well-known scholars and practitioners, it is divided into five sections, covering the foundations of test development, content definition, item development, test design and form assembly, and the processes of test administration, documentation, and evaluation. Keenly aware of developments in the field since the publication of the first edition, including changes in technology, the evolution of psychometric theory, and the increased demands for effective tests via educational policy, the editors of this edition include new chapters on assessing noncognitive skills, measuring growth and learning progressions, automated item generation and test assembly, and computerized scoring of constructed responses. The volume also includes expanded coverage of performance testing, validity, fairness, and numerous other topics. Edited by Suzanne Lane, Mark R. Raymond, and Thomas M. Haladyna, The Handbook of Test Development, 2nd edition, is based on the revised Standards for Educational and Psychological Testing, and is appropriate for graduate courses and seminars that deal with test development and usage, professional testing services and credentialing agencies, state and local boards of education, and academic libraries serving these groups.

STEALTH ASSESSMENT

MEASURING AND SUPPORTING LEARNING IN VIDEO GAMES

MIT Press An approach to performance-based assessments that embeds assessments in digital games in order to measure how students are progressing toward targeted goals. To succeed in today's interconnected and complex world, workers need to be able to think systemically, creatively, and critically. Equipping K-16 students with these twenty-first-century competencies requires new thinking not only about what should be taught in school but also about how to develop valid assessments to measure and support these competencies. In Stealth Assessment, Valerie Shute and Matthew Ventura investigate an approach that embeds performance-based assessments in digital games. They argue that using well-designed games as vehicles to assess and support learning will help combat students' growing disengagement from school, provide dynamic and ongoing measures of learning processes and outcomes, and offer students opportunities to apply such complex competencies as creativity, problem solving, persistence, and collaboration. Embedding assessments within games provides a way to monitor players' progress toward targeted competencies and to use that information to support learning. Shute and Ventura discuss problems with such traditional assessment methods as multiple-choice questions, review evidence relating to digital games and learning, and illustrate the stealth-assessment approach with a set of assessments they are developing and embedding in the digital game Newton's Playground. These stealth assessments are intended to measure levels of creativity, persistence, and conceptual understanding of Newtonian physics during game play. Finally, they consider future research directions related to stealth assessment in education.

ESSENTIALS OF SCIENCE CLASSROOM ASSESSMENT

SAGE Publications Grounded in the constructivist inquiry approach to science teaching and learning, Essentials of Science Classroom Assessment bridges science assessment research and practice, and connects science assessment and learning. This book will help students in science methods courses to develop essential skills in conducting science assessment to support student learning. The chapters parallel a typical structure of a science methods course, making the integration of this text into a science methods course seamless. Due to its practical and concise nature, this book is also ideal for practicing science teachers to use as a professional development resource.

PROC SQL

BEYOND THE BASICS USING SAS, THIRD EDITION

SAS Institute PROC SQL: Beyond the Basics Using SAS®, Third Edition, is a step-by-step, example-driven guide that helps readers master the language of PROC SQL. Packed with analysis and examples

illustrating an assortment of PROC SQL options, statements, and clauses, this book not only covers all the basics, but it also offers extensive guidance on complex topics such as set operators and correlated subqueries. Programmers at all levels will appreciate Kirk Lafler's easy-to-follow examples, clear explanations, and handy tips to extend their knowledge of PROC SQL. This third edition explores new and powerful features in SAS® 9.4, including topics such as: IFC and IFN functions nearest neighbor processing the HAVING clause indexes It also features two completely new chapters on fuzzy matching and data-driven programming. Delving into the workings of PROC SQL with greater analysis and discussion, PROC SQL: Beyond the Basics Using SAS®, Third Edition, explores this powerful database language using discussion and numerous real-world examples.

THE EDUCATION INVASION

HOW COMMON CORE FIGHTS PARENTS FOR CONTROL OF AMERICAN KIDS

Encounter Books Most Americans had no idea what Common Core was in 2013, according to polls. But it had been creeping into schools nationwide over the previous three years, and children were feeling its effects. They cried over math homework so mystifying their parents could not help them, even in elementary school. They read motley assortments of "informational text" instead of classic literature. They dreaded the high-stakes tests, in unfamiliar formats, that were increasingly controlling their classrooms. How did this latest and most sweeping "reform" of American education come in mostly under the radar? Joy Pullmann started tugging on a thread of reports from worried parents and frustrated teachers, and it led to a big tangle of history and politics, intrigue and arrogance. She unwound it to discover how a cabal of private foundation honchos and unelected public officials cooked up a set of rules for what American children must learn in core K-12 classes, and how the Obama administration pressured states to adopt them. Thus a federalized education scheme took root, despite legal prohibitions against federal involvement in curriculum. Common Core and its testing regime were touted as "an absolute game-changer in public education," yet the evidence so far suggests that kids are actually learning less under it. Why, then, was such a costly and disruptive agenda imposed on the nation's schools? Who benefits? And how can citizens regain local self-governance in education, so their children's minds will be fed a more nourishing intellectual diet and be protected from the experiments of emboldened bureaucrats? *The Education Invasion* offers answers and remedies.

GETTING READY FOR THE 4TH GRADE ASSESSMENT TESTS

IMPROVE YOUR CHILD'S MATH AND ENGLISH SKILLS

Learning Express Llc *Getting Ready for the 4th Grade Assessment Test: Help Improve Your Child's Math and English Skills* - Many parents are expressing a demand for books that will help their children succeed and excel on the fourth grade assessment tests in math and English -especially in areas where children have limited access to computers. This book will help students practice basic math concepts, i.e., number sense and applications as well as more difficult math, such as patterns, functions, and algebra. English skills will include practice in reading comprehension, writing, and vocabulary. Rubrics are included for self-evaluation.

EMPOWERED EDUCATORS

HOW HIGH-PERFORMING SYSTEMS SHAPE TEACHING QUALITY AROUND THE WORLD

John Wiley & Sons Discover how high-performing systems shape teaching quality around the world Producing highly skilled and committed teachers is not the work of a single innovative school or the aggregation of heroic individuals who succeed against the odds. In high-performing countries, the opportunities for teachers to learn sophisticated practices and continue to improve are embedded systemically in education policies and practices. *Empowered Educators* describes how this seemingly magical work is done—how a number of forward-thinking educational systems create a coherent set of policies designed to ensure quality teaching in all communities. . . and how the results are manifested in practice. Spanning three continents and five countries, *Empowered Educators* examines seven jurisdictions that have worked to develop comprehensive teaching policy systems: Singapore and Finland, the states of New South Wales and Victoria in Australia, the provinces of Alberta and Ontario in Canada, and the province of Shanghai in China. Renowned education expert Linda Darling-Hammond and a team of esteemed scholars offer lessons learned in a number of areas that shape the teaching force and the work of teachers, shedding unprecedented light on areas such as teacher recruitment, preparation, induction and mentoring, professional learning, career and leadership development, and more. Find out how quality teaching is developed and conducted across the globe Discover a common set of strategies for developing, supporting, and sustaining the ongoing learning and development of teachers and school leaders See how high-performing countries successfully recruit and train educators Understand why the sharing of expertise among teachers and administrators within and across schools is beneficial A fascinating read for researchers, policymakers, administrators, teacher educators, pre-service teachers and leaders, and anyone with an interest in education, this book offers a rare glimpse into the systems that are shaping quality teaching around the world.

THE FLAT WORLD AND EDUCATION

HOW AMERICA'S COMMITMENT TO EQUITY WILL DETERMINE OUR FUTURE

Teachers College Press Argues that the education system in America needs to make drastic changes in order to build a system of high-achieving and equitable schools that protects every child's right to learn.

GRIT

THE POWER OF PASSION AND PERSEVERANCE

Simon and Schuster In this instant New York Times bestseller, Angela Duckworth shows anyone striving to succeed that the secret to outstanding achievement is not talent, but a special blend of passion and persistence she calls "grit." "Inspiration for non-geniuses everywhere" (People). The daughter of a scientist who frequently noted her lack of "genius," Angela Duckworth is now a celebrated researcher and professor. It was her early eye-opening stints in teaching, business consulting, and neuroscience that led to her hypothesis about what really drives success: not genius, but a unique combination of passion and long-term perseverance. In *Grit*, she takes us into the field to visit cadets struggling through their first days at West Point, teachers working in some of the toughest schools, and young finalists in the National Spelling Bee. She also mines fascinating insights from history and shows what can be gleaned from modern experiments in peak performance. Finally, she shares what she's learned from interviewing dozens of high achievers—from JP Morgan CEO Jamie Dimon to New Yorker cartoon editor Bob Mankoff to Seattle Seahawks Coach Pete Carroll. "Duckworth's ideas about the cultivation of tenacity have clearly changed some lives for the better" (The New York Times Book Review). Among *Grit*'s most valuable insights: any effort you make ultimately counts twice toward your goal; grit can be learned, regardless of IQ or circumstances; when it comes to child-rearing, neither a warm embrace nor high standards will work by themselves; how to trigger lifelong interest; the magic of the Hard Thing Rule; and so much more. Winningly personal, insightful, and even life-changing, *Grit* is a book about what goes through your head when you fall down, and how that—not talent or luck—makes all the difference. This is "a fascinating tour of the psychological research on success" (The Wall Street Journal).

HANDBOOK OF RESEARCH ON ASSESSMENT TECHNOLOGIES, METHODS, AND APPLICATIONS IN HIGHER EDUCATION

IGI Global "This research publication accommodates in-depth studies that elucidate both the prospects and problems of learning assessment in higher education"--Provided by publisher.

THE BIG BOOK OF CONFLICT RESOLUTION GAMES: QUICK, EFFECTIVE ACTIVITIES TO IMPROVE COMMUNICATION, TRUST AND COLLABORATION

McGraw Hill Professional Make workplace conflict resolution a game that EVERYBODY wins! Recent studies show that typical managers devote more than a quarter of their time to resolving coworker disputes. The *Big Book of Conflict-Resolution Games* offers a wealth of activities and exercises for groups of any size that let you manage your business (instead of managing personalities). Part of the acclaimed, bestselling *Big Books* series, this guide offers step-by-step directions and customizable tools that empower you to heal rifts arising from ineffective communication, cultural/personality clashes, and other specific problem areas—before they affect your organization's bottom line. Let *The Big Book of Conflict-Resolution Games* help you to: Build trust Foster morale Improve processes Overcome diversity issues And more Dozens of physical and verbal activities help create a safe environment for teams to explore several common forms of conflict—and their resolution. Inexpensive, easy-to-implement, and proved effective at Fortune 500 corporations and mom-and-pop businesses alike, the exercises in *The Big Book of Conflict-Resolution Games* delivers everything you need to make your workplace more efficient, effective, and engaged.