

Maths Literacy Mind The Gap Study Guide Csrnet

The Culturally Responsive Instruction Observation Protocol (CRIOP) is a framework for implementing culturally relevant literacy instruction and classroom observation. Drawing on research and theory reflecting a range of perspectives ? multicultural instruction, literacy theory, equity pedagogy, language and discourse models, sheltered instruction, critical pedagogy ? it provides a means for assessing the many variables of classroom literacy instruction and for guiding practitioners in their development as multicultural educators. Literacy for All Students Discusses issues in multicultural literacy instruction within the context of various essential instructional components (such as assessment, curriculum, parent collaboration) Provides a protocol for observing features of literacy instruction for culturally and linguistically diverse students Presents vignettes from real classrooms, written by elementary and middle school teachers, showing their victories and struggles as they attempt to implement a pedagogy that is culturally responsive within a climate of high stakes testing A highly effective instrument for assessing culturally responsive literacy instruction in schools, the CRIOP serves as a model for realizing a literacy that is both relevant and transformative.

See a gap in understanding? Mine it to move your students forward. How good are you at exploiting students' mathematical mistakes? In this remarkable book, the authors remind us that student mistakes are not random, and when we take the time to "mine the gap," we can dispel misunderstandings before they take root. Included are 180 downloadable high-quality tasks, aligned to the standards and big ideas of grades 6–8 mathematics. Each task includes sample student work, commentary on strengths and gaps, and next instructional steps. Whether you use this bank of tasks for instruction or assessment, you will love how it helps you easily identify students' thinking and then follow up with instruction that brings clear, complete understanding.

Shattering numerous stereotypes about women, this book uses biology, anthropology, physiology, neuroscience, and medicine to explore the true nature of gender difference. Reprint.

Some teachers think that there's little to say about teaching with examples - after all, everyone uses them. But here are just some of the questions you might have about teaching with worked examples: How do we introduce an example? What do we ask students to do when studying a solution? Should a solution be presented all at once or revealed step-by-step? After we study an example, what comes next? Does it matter if the solution is presented as if from a fictional student, a real student in class, or from the teacher? How do we help students move from understanding someone else's ideas towards using it on their own to solve problems? How do we write a solution in a clear way, that students can learn from? When is a good time to offer a worked example? When is it better to let students try a problem? Are worked examples more useful for some mathematical content than others? This book will answer all of these questions. In some cases, research offers answers. Other questions represent gaps in the research literature and the book offers solutions arrived at through experience and trial-and-error and the author's own process of classroom problem solving. Welcome to the world of teaching with examples!

The untold story of the root cause of America's education crisis--and the seemingly endless cycle of multigenerational poverty. It was only after years within the education reform movement that Natalie Wexler stumbled across a hidden explanation for our country's frustrating lack of progress when it comes to providing every child with a quality education. The problem wasn't one of the usual scapegoats: lazy teachers, shoddy facilities, lack of accountability. It was something no one was talking about: the elementary school curriculum's intense focus on decontextualized reading comprehension "skills" at the expense of actual knowledge. In the tradition of Dale Russakoff's *The Prize* and Dana Goldstein's *The Teacher Wars*, Wexler brings together history, research, and compelling characters to pull back the curtain on this fundamental flaw in our education system--one that fellow reformers, journalists, and policymakers have long overlooked, and of which the general public, including many parents, remains unaware. But *The Knowledge Gap* isn't just a story of what schools have gotten so wrong--it also follows innovative educators who are in the process of shedding their deeply ingrained habits, and describes the rewards that have come along: students who are not only excited to learn but are also acquiring the knowledge and vocabulary that will enable them to succeed. If we truly want to fix our education system and unlock the potential of our neediest children, we have no choice but to pay attention.

Using Mathematics to Understand the World: How Culture Promotes Children's Mathematics offers fundamental insight into how mathematics permeates our lives as a way of representing and thinking about the world. Internationally renowned experts Terezinha Nunes and Peter Bryant examine research into children's mathematical development to show why it is important to distinguish between quantities, relations and numbers. Using Mathematics to Understand the World presents a theory about the development of children's quantitative reasoning and reveals why and how teaching about quantitative reasoning can be used to improve children's mathematical attainment in school. It describes how learning about the analytical meaning of numbers is established as part of mathematics at school but quantitative reasoning is emphasized less even though it is increasingly acclaimed as essential for thinking mathematically and for using mathematics to understand the world. This essential text is for all students of mathematics education, developmental psychology and cognitive psychology. By including activities for parents and professionals to try themselves, it may help you to recognize your own quantitative reasoning.

Discover the challenges, rewards and most recent advancements in the field of human resource development today with Werner's HUMAN RESOURCE DEVELOPMENT, 8E. This powerful edition addresses each aspects of human resource development -- from orientation and skills training to careers, management and organizational development. Updated content integrates more than 1,000 new citations and draws from the latest professional and academic organizations, while expanded coverage prepares you to address international issues, diversity and inclusion. Interesting chapter-opening cases, practical end-of-chapter exercises and meaningful discussions highlight how a variety of organizations today have effectively translated leading human resource development concepts and theories into effective practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Report Card 9 The Children Left Behind presents a first overview of inequalities in child well-being for 24 Member States of the Organisation for Economic Cooperation and Development. The Report Card focuses on the relative gap between children in the bottom of the distribution with those occupying the median. Three dimensions of well-being are examined: material, education, and health. In each case, the questions asked are: how far behind children are being allowed to fall, and why some countries are doing so much better at protecting their most vulnerable children.

Improving Maths and English in Further Education provides a strategic, practical and easily applied toolkit for teachers and leaders as they work with students to gain core skills. The book highlights the unique challenges that are faced within the sector and the value of embedding college-wide literacy and numeracy for success, providing a range of strategies to resolve challenges. Structured to make sure that there is always an alternative approach, method or suggestion, the book allows the reader to choose the steps that suit their context best. Each chapter looks at the key priorities: •Identifies a range of potential solutions to a challenge faced in FE •Acknowledges potential implementation pitfalls and remedies •Suggests practical takeaways, key considerations and next steps Teachers and staff within further and Post-16 education will find this an essential resource for supporting students studying maths and English. "Teachers and leaders from curriculum areas across the sector will find scenarios and anecdotes that resonate in this book; timetabling, accountability, motivation... a must read." Catherine Sezen, Senior Policy Manager – FE "This is an interesting and engaging read from Jonny, who has produced a book that brings together contemporary educational literature, with a personal and honest take on leading and teaching English and Maths in FE." Steven Wallis, Executive Director Quality, NCG "This book caters for the many different voices, people and characters in FE - it does exactly what it says on the tin... It will give you all the tools for a great job with an evidence base to boot." Julia Smith, @tessmaths Jonathan Kay has

managed and led English and maths departments in Further Education since 2017, as well as working as consultant for the Association of Colleges and Lead English Expert and examiner for a leading exam board. Jonathan has also previously worked as an English teacher, 2nd in Department and Head of English in a range of Secondary schools.

As teachers grapple with the challenge of a new, bigger and more challenging school curriculum, at every key stage and phase, success can feel beyond our reach. But what if there were 50,000 small solutions to help us bridge that gap? In *Closing the Vocabulary Gap*, Alex Quigley explores the increased demands of an academic curriculum and how closing the vocabulary gap between our 'word poor' and 'word rich' students could prove the vital difference between school failure and success. This must-read book presents the case for teacher-led efforts to develop students' vocabulary and provides practical solutions for teachers across the curriculum, incorporating easy-to-use tools, resources and classroom activities. Grounded in the very best available evidence into reading development and vocabulary acquisition, *Closing the Vocabulary Gap* sets out to: help teachers understand the vital role of vocabulary in all learning; share what every teacher needs to know about reading (but was afraid to ask); unveil the intriguing history of words and exactly how they work; reveal the elusive secrets to achieve spelling success; provide strategies for vocabulary development for all teachers of every subject and phase. With engaging anecdotes from the author's extensive personal teaching experience woven throughout, as well as accessible summaries of relevant research, Alex Quigley has written an invaluable resource suitable for classroom teachers across all phases, literacy leaders and senior leadership teams who wish to close the vocabulary gap.

The remarkable story of the Algebra Project, a community-based effort to develop math-science literacy in disadvantaged schools—as told by the program's founder “Bob Moses was a hero of mine. His quiet confidence helped shape the civil rights movement, and he inspired generations of young people looking to make a difference”—Barack Obama At a time when popular solutions to the educational plight of poor children of color are imposed from the outside—national standards, high-stakes tests, charismatic individual saviors—the acclaimed Algebra Project and its founder, Robert Moses, offer a vision of school reform based in the power of communities. Begun in 1982, the Algebra Project is transforming math education in twenty-five cities. Founded on the belief that math-science literacy is a prerequisite for full citizenship in society, the Project works with entire communities—parents, teachers, and especially students—to create a culture of literacy around algebra, a crucial stepping-stone to college math and opportunity. Telling the story of this remarkable program, Robert Moses draws on lessons from the 1960s Southern voter registration he famously helped organize: “Everyone said sharecroppers didn't want to vote. It wasn't until we got them demanding to vote that we got attention. Today, when kids are falling wholesale through the cracks, people say they don't want to learn. We have to get the kids themselves to demand what everyone says they don't want.” We see the Algebra Project organizing community by community. Older kids serve as coaches for younger students and build a self-sustained tradition of leadership. Teachers use innovative techniques. And we see the remarkable success stories of schools like the predominately poor Hart School in Bessemer, Alabama, which outscored the city's middle-class flagship school in just three years. *Radical Equations* provides a model for anyone looking for a community-based solution to the problems of our disadvantaged schools.

This book, "Education Systems Around the World", is a collection of reviewed and relevant research chapters that offer a comprehensive overview of recent developments in the field of social sciences and humanities. The book comprises single chapters authored by various researchers and edited by an expert active in the field of social studies and humanities. All chapters are unique but are united under a common research study topic. This publication aims to provide a thorough overview of the latest research efforts by international authors on social studies and humanities, and open new possible research paths for further novel developments.

This 2008 edition of OECD's periodic survey of Sweden's economy addresses key economic challenges being faced in Sweden including the current economic crisis and fiscal policy, tax reform, education and easing impediments to youth employment, and ...

This book considers the views of participants in the process of becoming a mathematician, that is, the students and the graduates. This book investigates the people who carry out mathematics rather than the topics of mathematics. Learning is about change in a person, the development of an identity and ways of interacting with the world. It investigates more generally the development of mathematical scientists for a variety of workplaces, and includes the experiences of those who were not successful in the transition to the workplace as mathematicians. The research presented is based on interviews, observations and surveys of students and graduates as they are finding their identity as a mathematician. The book contains material from the research carried out in South Africa, Northern Ireland, Canada and Brunei as well as Australia.

Apply familiar reading comprehension strategies and relevant research to mathematics instruction to aid in building students' comprehension in mathematics. This resource demonstrates how to facilitate student learning to build schema and make connections among concepts. In addition, it provides clear strategies to help students ask good questions, visualize mathematics, and synthesize their understanding. This resource is aligned to College and Career Readiness Standards.

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.

In the context of the Fourth Industrial Revolution, a world of continuous alterations is glimpsed where science and technology are at the base of economic competitiveness and where innovation plays a strategic role in global competition, so that they are forced to cover a series of requirements to compete successfully in an increasingly globalized economy, including high investments in both education and research. Along these lines, the formation of mathematical learning is important because it is oriented towards the development of a set of skills with the aim of resolving situations of daily and professional lives. It focuses on the acquisition of employing the different ways of representing information in the form of models, constructions, and graphs to determine the best decision making. In this sense, it includes the mastery of the handling of numbers, measures, and structures to carry out the interpretation of operations and representations of a quantitative nature on personal and professional situations. For a society to favor innovation, the use of mathematical information is an essential condition that allows the development of creativity and analysis of information. Mathematics education plays a vital role in this development. *Developing Mathematical Literacy in the Context of the Fourth Industrial Revolution* studies the formation of mathematical abilities in the context of the Fourth Industrial Revolution regarding its development of both teaching and learning strategies, as well as the use of ICT and its use in the development of this discipline in students. It is important that teachers of any educational level reorient their teaching strategies and their role as educators. Therefore, the chapters discuss up-to-date and relevant information on teaching and didactic tasks in the subject of mathematics. This book highlights mathematical pedagogies, ICT in mathematics learning, teacher training, and classroom strategies for mathematics. It is intended for teachers, pedagogical advisors, business trainers, higher education staff, administrators, teacher educators, practitioners, stakeholders, researchers, academicians, and students interested in mathematical literacy in the fourth industrial revolution.

The Curriculum Topic Study (CTS) process provides a professional development strategy that links mathematics standards and research to curriculum, instruction, and assessment.

This report extends the picture of literacy skills th PISA 2000 provides to additional countries that have recently joined the programme: Albania; Argentina; Bulgaria; Chile; Hong Kong-China; Indonesia; Israel; FYR Macedonia; Peru; Romania and Thailand.

Learn how to work more effectively with K–5 parents to increase student achievement in math and literacy. Research shows that parent involvement in schools leads to higher test scores and more engaged and enthusiastic students, but it isn't always easy for teachers to bridge the gap between the home and the school. This insightful book provides helpful, research-based strategies to foster meaningful home–school partnerships and overcome the challenges teachers often face when trying to build relationships with parents. You'll learn new ways to: Promote parent involvement at home and school; Share specific math and literacy strategies with parents to reinforce children's learning; Plan and organize effective parent conferences that foster true dialogue about a child's education; Communicate with parents about what you're teaching and how you're teaching it, so they can actively contribute to their child's learning at home; Develop family nights and workshops to get parents involved in learning at school; Recommend games, activities, and projects that parents can use at home to help their children practice math and literacy skills; And much more! Each chapter is full of practical tools such as Common Core-aligned strategies, useful resources for parents, and sample parent letters that you can use to increase and improve your home–school communications. Bonus: Additional parent letters on a variety of topics are available on our website, www.routledge.com/9781138998698, to help you keep parents connected throughout the year.

This volume draws together research and practice from the fields of literacy education and inclusion. It provides an insight into current theory, research and issues associated with teaching literacy to all students in inclusive classrooms. Literacy remains a critical success factor for students, as the basis for concurrent and future learning.

Too often, students who fail a grade or a course receive remediation that ends up widening rather than closing achievement gaps. According to veteran classroom teacher and educational consultant Suzy Pepper Rollins, the true answer to supporting struggling students lies in acceleration. In *Learning in the Fast Lane*, she lays out a plan of action that teachers can use to immediately move underperforming students in the right direction and differentiate instruction for all learners—even those who excel academically. This essential guide identifies eight high-impact, research-based instructional approaches that will help you

- * Make standards and learning goals explicit to students.
- * Increase students' vocabulary—a key to their academic success.
- * Build students' motivation and self-efficacy so that they become active, optimistic participants in class.
- * Provide rich, timely feedback that enables students to improve when it counts.
- * Address skill and knowledge gaps within the context of new learning.

Students deserve no less than the most effective strategies available. These hands-on, ready-to-implement practices will enable you to provide all students with compelling, rigorous, and engaging learning experiences.

Being an effective math educator is one part based on the quality of the tasks we give, one part how we diagnose what we see, and one part what we do with what we find. Yet with so many students and big concepts to cover, it can be hard to slow down enough to look for those moments when students' responses tell us what we need to know about next best steps. In this remarkable book, John SanGiovanni helps us value our students' misconceptions and incomplete understandings as much as their correct ones—because it's the gap in their understanding today that holds the secrets to planning tomorrow's best teaching. SanGiovanni lays out 180 high-quality tasks aligned to the standards and big ideas of Grades 3-5 mathematics, including addition and subtraction of multi-digit whole numbers, multiplication and division of single and multi-digit whole numbers, foundational fraction concepts, foundational decimal concepts, and operations with fractions and decimals. The tasks are all downloadable so you can use or modify them for instruction and assessment. Each big idea offers a starting task followed by: what makes it a high-quality task what you might anticipate before students work with the task 4 student examples of the completed task showcasing a distinct “gap” commentary on what precisely counts for mathematical understanding and the next instructional steps commentary on the misconception or incomplete understanding so you learn why the student veered off course three additional tasks aligned to the mathematics topic and ideas about what students might do with these additional tasks. It's time to break our habit of rushing into re-teaching for correctness and instead get curious about the space between right and wrong answers. *Mine the Gap for Mathematical Understanding* is a book you will return to again and again to get better at selecting tasks that will uncover students' reasoning—better at discerning the quality and clarity of students' understanding—and better at planning teaching based on the gaps you see.

Knowledge of word meanings is critical to success in reading. A reader cannot fully understand a text in which the meaning to a significant number of words is unknown. Vocabulary knowledge has long been correlated with proficiency in reading. Yet, national surveys of student vocabulary knowledge have demonstrated that student growth in vocabulary has been stagnant at best. This volume offers new insights into vocabulary knowledge and vocabulary teaching. Articles range from a presentation of theories of vocabulary that guide instruction to innovative methods and approaches for teaching vocabulary. Special emphasis is placed on teaching academic and disciplinary vocabulary that is critical to success in content area learning. Our hope for this volume is that it may spark a renewed interest in research into vocabulary and vocabulary instruction and move toward making vocabulary instruction an even more integral part of all literacy and disciplinary instruction.

Build bridges of support so English language learners and standard English learners can learn alongside their peers! This comprehensive, research-based guide helps teachers bridge multiple gaps and promote learning for English language learners (ELLs) and standard English learners (SELs). The authors provide strategies, examples, and tools to address: The gap between students and texts: covering word recognition, background knowledge, comprehension, and academic language development The gap between students and teachers: including sociocultural differences between teachers and students and teacher perceptions and expectations The gap between students and their peers: discussing language proficiency differences, grouping strategies, and grade-level and schoolwide programs

This book presents an evidence-based framework for understanding the literacy needs of adolescents. The premise is that educators and other critical stakeholders need to understand evidence-based principles in order to develop effective curriculum to meet the needs of diverse learners. Recommendations are provided for middle and secondary education, professional development, teacher education research and policy. At the center of the book are Eight Guiding Principles developed by the authors through a process that included an extensive review of research and policy literature in literacy and related fields, a comparison of National Standards documents, and visits to the classrooms of 28 middle and high school teachers across the United States. The Principles are broad enough to encompass a variety of contexts and student needs, yet specific enough to offer real support to those involved in program development or policy decisions. They provide an overarching structure that districts and teachers can use to develop site-specific curriculum that is both research-based and designed to meet the needs of the learners for whom they are responsible. Important Text Features: Organized to help readers understand empirically supported principles of practice that can be used to address literacy concerns in today's schools, each chapter that addresses one of the eight Principles follows a similar format:

- * The Principle is presented along with a brief explanation of the research base and a sample of national standards that support it.
- * One or more case examples spanning a wide variety of disciplines, grade levels, and local conditions - provide an in-depth look at the Principle in action.
- * A well-known adolescent literacy expert offers a response to each case example, giving readers an informed view of the importance of the Principle, how it is enacted in the cases, and examples of other work related to the Principle.

Discussion questions are provided that can be used for individual reflection or group discussion. *Principled Practices for Adolescent Literacy* is intended as a text for pre-service and in-service upper-elementary, middle and high school literacy methods courses and graduate courses

related to adolescent literacy, and as a resource for school district personnel, policymakers and parents.

Students learning math are expected to do more than just solve problems; they must also be able to demonstrate their thinking and share their ideas, both orally and in writing. As many classroom teachers have discovered, these can be challenging tasks for students. The good news is, mathematical communication can be taught and mastered. In *Teaching Students to Communicate Mathematically*, Laney Sammons provides practical assistance for K–8 classroom teachers. Drawing on her vast knowledge and experience as a classroom teacher, she covers the basics of effective mathematical communication and offers specific strategies for teaching students how to speak and write about math. Sammons also presents useful suggestions for helping students incorporate correct vocabulary and appropriate representations when presenting their mathematical ideas. This must-have resource will help you help your students improve their understanding of and their skill and confidence in mathematical communication.

Study & Master Mathematical Literacy Grade 10 has been especially developed by an experienced author team according to the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in Mathematical Literacy. The Teacher's File includes: * a weekly teaching schedule, divided into the four terms to guide the teacher on what to teach * extra project templates for teachers to choose from * solutions to all the activities in the Learner's Book.

A series of Ofsted inspections on Army Apprenticeships conducted in 2013 rated the overall effectiveness as good. This was an improvement over the last inspection in 2009, rated as satisfactory (now called 'requires improvement'). Some 28 per cent of Army recruits were less than 18 years of age. Further information is needed on why the Army is so dependent on recruiting personnel under the age of 18 years compared to the other two Services, and whether steps are being taken to reduce this dependency. Of those recruited in 2012, 3.5 per cent of the Army were rated at entry level 2 for literacy (that of a 7 to 8 year old) and 39 per cent had a literacy level of an eleven year old. If as the MoD states, it has to recruit personnel at whatever level of attainment is available, then it should boost remedial action when recruitment entry standards are particularly low. In light of changes brought about by Future Force 2020, it may be that recruiting personnel with higher levels of attainment would better meet the future needs of the Armed Forces. Whilst the Committee recognises that some recruits may not be eager to take further academic exams, the MoD should encourage more recruits to undertake English and Maths GCSEs which would stand them in good stead for future employment. The MoD has carried out some useful pilot projects with paramedic training and should identify more potential projects to ensure that vital skills paid for by the MoD are not lost to the country

This volume foregrounds the disciplinary literacy approach to college teaching and learning with in-depth discussions of theory and research, as well as extensive classroom illustrations. Built upon the current work of READ (Reading Effectively Across the Disciplines), a disciplinary literacy program at New York City College of Technology, it presents a broad collection of methodologies, strategies, and best practices with discipline-specific considerations. It offers an overview of the program informed by evidence-based research and practices in college disciplinary learning, describing how its unique model addresses the literacy needs of students in STEM and professional studies. Chapter authors, including administrators, literacy specialists, and content experts discuss program design, professional development, and assessments. They also outline strategies to foster disciplinary literacy pedagogy and college success in five content areas, including Accounting, Architecture, Biology, Electromechanical Engineering, and Mathematics.

In 2015-16, the Middle Level Education Research Special Interest Group (MLER SIG), an affiliate of the American Educational Research Association, undertook a collaborative project—the development of a new middle grades education research agenda. The purpose of the MLER SIG Research Agenda (Mertens et al., 2016) was to develop a set of questions that would guide the direction of middle grades education research. Ideally, this Research Agenda would serve to prompt discourse and generate research projects that could contribute to the middle grades knowledge base. Members of the MLER SIG identified eight research areas: (a) young adolescent development, (b) cultural responsiveness, (c) special populations, (d) educator development, (e) curriculum, (f) social and emotional learning, (g) digital technologies, and (h) school structures. This volume contains the extensive literature reviews and subsequent research questions for each of the research topics.

This resource offers 55 research-based strategies to help educators bridge the gap between school and home by forming effective partnerships with every type of family group.

Being an effective math educator is one part based on the quality of the tasks we give, one part how we diagnose what we see, and one part what we do with what we find. Yet with so many students and big concepts to cover, it can be hard to slow down enough to look for those moments when students' responses tell us what we need to know about next best steps. In this remarkable book, John SanGiovanni helps us value our young learners' misconceptions and incomplete understandings as much as their correct ones—because it's the gap in their understanding today that holds the secrets to planning tomorrow's best teaching. SanGiovanni lays out 160 high-quality tasks aligned to the standards and big ideas of grades K-2 mathematics, including counting and representing numbers, number relationships and comparison, addition and subtraction within 100 and 1000, money and time, and multiplication and division. The tasks are all downloadable so you can use or modify them for instruction and assessment. Each big idea offers a starting task followed by: what makes it a high-quality task what you might anticipate before students work with the task 4 student examples of the completed task showcasing a distinct "gap" commentary on what precisely counts for mathematical understanding and the next instructional steps commentary on the misconception or incomplete understanding so you learn why the student veered off course three additional tasks aligned to the mathematics topic and ideas about what students might do with these additional tasks. It's time to break our habit of rushing into re-teaching for correctness and instead get curious about the space between right and wrong answers. *Mine the Gap for Mathematical Understanding* is a book you will return to again and again to get better at selecting tasks that will uncover students' reasoning—better at discerning the quality and clarity of students' understanding—and better at planning teaching based on the gaps you see.

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