

---

# Choice Boards In Math

---

Aiming High

Differentiation That Really Works

Learning Personalized

Future Ready Learning

Teaching Mathematics in the Visible Learning Classroom, Grades K-2

The Happiest Mommy You Know

Captivate, Activate, and Invigorate the Student Brain in Science and Math, Grades 6-12

Ditch That Textbook

Shaking Up Special Education

Ditch That Homework

The Daily 5

Guided Math: A Framework for Mathematics Instruction Second Edition

Math Word Problems

Read the World

Sir Cumference and the First Round Table

Guided Math AMPED

Sticky Teaching and Learning  
The Differentiated Classroom  
Math Work Stations  
RTI and Mathematics for Middle School  
The Raft  
Math Workstations in Action  
Differentiated Choice Board  
Time and Measurement  
Differentiation That Really Works  
Inspiring Student Empowerment  
Building Thinking Classrooms in Mathematics, Grades K-12  
Dinner in the classroom  
The Barren Grounds  
Captivate, Activate, and Invigorate the Student Brain in Science and Math, Grades  
6-12  
Making Differentiation a Habit  
Differentiation That Really Works  
Differentiation That Really Works Math  
Teaching Struggling Students in Math  
EDrenaline Rush

Differentiating by Student Interest  
The Hyperdoc Handbook: Digital Lesson Design Using Google Apps  
Differentiation That Really Works  
Place Value  
Differentiating By Student Learning Preferences

*Choice Boards In Math* Downloaded from  
[dev.gamersdecide.com](http://dev.gamersdecide.com) by  
guest

---

## **JACOBS CORTEZ**

---

Aiming High Createspace Independent Publishing Platform  
RTI and Mathematics for the Middle School, by Mary E. Little, is a practical and concise resource packed with critical information on CCSS for math and the RTI model. It offers simple and effective teaching strategies and recommends evidence-based interventions that middle school teachers can use with

students who struggle in mathematics.

### **Differentiation That Really Works**

Heinemann Educational Books

In this “guilt-free ticket to refocusing your priorities” (Parents Magazine), ABC News reporter (and mom to three) Genevieve Shaw Brown reveals the deceptively simple golden rule for maternal happiness and how today’s busy moms can live better, healthier lives. Award-winning reporter Genevieve Shaw Brown was hell-bent on raising her kids to like vegetables and eat more than chicken nuggets for dinner. She

woke up at five a.m. every morning to prepare perfectly portioned meals of turkey meatballs along with veggies, couscous, mashed cauliflower, and sliced fruit for her small children. While eating lukewarm mac-n-cheese out of a brown paper box and feeling sluggish and tired most of the time, she realized that she had never considered eating what she made for her kids. After that, Brown put herself on the “Baby Diet”: she ate the healthy food her kids ate, minimized snacking, and created a more regimented meal plan. She felt better, lost those stubborn pounds, and prepared a short segment on her new diet for Good Morning America that went viral. After that, she began thinking further: what happens when you treat yourself the way you instinctively treat

your children? From sleep training to exercising to making time for friends, Brown shares her own stories, expert advice, and innovative hacks to address the common issues mothers face while teaching women how to care for themselves with the same love and attention they give their children and families every day. The Happiest Mommy You Know is the life-changing and incredibly positive approach to the challenges of modern parenting—and gives parents permission to finally treat themselves better.

Learning Personalized Holiday House  
In today's classrooms, the instructional needs and developmental levels of our students are highly varied, and the conventional math whole-group model has its downsides. In contrast to the

rigid, one-size-ts-all approach of conventional whole-group instruction, guided math allows us to structure our math block to support student learning in risk-free, small-group instruction. Guided math goes beyond just reorganizing your math block; it also gives you an opportunity to approach math instruction with a renewed sense of perspective and purpose. Drawing on two decades of experience, Reagan Tunstall oers step-by-step best practices to help educators revolutionize their math blocks with a student-centered approach. Whether you're a new teacher who's curious about guided math or a veteran educator looking to hone your methodology, Guided Math AMPED will transform your math block into an exciting and engaging encounter that

encourages your students to see themselves as genuine mathematicians. "Most educators have come to realize that the magic happens at the teacher table or during small-group instruction. If that's the case, Guided Math AMPED is the spell book." -JENNIFER SALYARDS, M.Ed., principal, Chamberlin Elementary, Stephenville ISD "Guided Math AMPED provides educators with a practical framework for enhancing math instruction in a way that provides research-based practices, differentiated instruction, and fun, all while strengthening relationships with students and developing math mindsets. No matter your experience or tenure in education, Guided Math AMPED will give you tips and tricks to implement in your classroom." -MATT BERES, district

administrator, Wooster, OH "Guided math is one of the best things you can implement in your classroom, and Reagan Tunstall is the best to learn from, thanks to her perfect framework and step-by-step instructions. She has thought through every potential roadblock and offers concise solutions because she's experienced it all in her own classroom." -HALEE SIKORSKI, educator, A Latte Learning "Don't you dare let another teacher borrow this book . . . you may never get it back! From the first page to the end, this book is filled with practical ideas and guidelines guaranteed to take your guided math block to the next level." -LORI MCDONALD, M.Ed., retired educator *Future Ready Learning* Corwin Press  
 What if going to school captured the

thrills and excitement of a theme park? Just imagine what your classroom would be like if the activities inside elicited the same sense of fun and exhilaration as a roller coaster! How much more engaged would your students be if your curriculum were filled with the same mystery and mastery they found in an escape room full of puzzles and surprising twists? School should be fun! In *EDrenaline Rush*, John Meehan pulls back the curtain on what it takes to create thrilling learning experiences in your classroom. Packed with lesson planning tips, instructional design ideas, and plug-and-play teaching resources, *EDrenaline Rush* will challenge you to think differently and equip you to push your pedagogy to incredible limits. Create classrooms where students

willingly step outside of their comfort zones and boldly dare to attempt the impossible. "Packed with practical tips and great writing that will have you coming back for more of his dynamic, rigorous approach to classroom teaching." --Alexis Wiggins, teacher and author of *The Best Class You Never Taught* "This is a must-buy and should be a must-implement for anyone who wants to create positive change in their schools." --Michael Matera, teacher and author of *eXPlore Like a Pirate* "Every classroom can be filled with 'student-centered adrenaline, ' and after reading *EDrenaline Rush* you will be motivated to make it happen." --Scott Rocco, EdD, Hamilton Township (NJ) School District Superintendent and co-author of *140 Twitter Tips for Educators and Hacking*

Google for Education "EDrenaline Rush is the ultimate surprise and delight!" -- Monica Cornetti, CEO of Sententia Gamification, GamiCon Gamemaster *Teaching Mathematics in the Visible Learning Classroom, Grades K-2* Routledge

Although much has changed in schools in recent years, the power of differentiated instruction remains the same—and the need for it has only increased. Today's classroom is more diverse, more inclusive, and more plugged into technology than ever before. And it's led by teachers under enormous pressure to help decidedly unstandardized students meet an expanding set of rigorous, standardized learning targets. In this updated second edition of her best-selling classic work,

Carol Ann Tomlinson offers these teachers a powerful and practical way to meet a challenge that is both very modern and completely timeless: how to divide their time, resources, and efforts to effectively instruct so many students of various backgrounds, readiness and skill levels, and interests. With a perspective informed by advances in research and deepened by more than 15 years of implementation feedback in all types of schools, Tomlinson explains the theoretical basis of differentiated instruction, explores the variables of curriculum and learning environment, shares dozens of instructional strategies, and then goes inside elementary and secondary classrooms in nearly all subject areas to illustrate how real teachers are applying differentiation

principles and strategies to respond to the needs of all learners. This book's insightful guidance on what to differentiate, how to differentiate, and why lays the groundwork for bringing differentiated instruction into your own classroom or refining the work you already do to help each of your wonderfully unique learners move toward greater knowledge, more advanced skills, and expanded understanding. Today more than ever, *The Differentiated Classroom* is a must-have staple for every teacher's shelf and every school's professional development collection.

*The Happiest Mommy You Know* Corwin Press

If you've ever questioned how to make math stations work, you'll find this



photo-filled, idea-packed resource invaluable. This book extends Debbie Diller's best-selling work on literacy work stations and classroom design to the field of mathematics. In *Math Work Stations* you'll find ideas to help children develop conceptual understanding and skills, use math vocabulary as they talk about their mathematical thinking, and connect big idea to meaningful independent exploration and practice. This book details how to set up, manage, and keep math stations going throughout the year. There's even a chapter devoted solely to organizing and using math manipulatives. Each chapter includes: key concepts based on NCTM and state math standards; math vocabulary resources and literature links; suggested materials to include at

each station for the corresponding math content strand; ideas for modeling, troubleshooting, differentiating, and assessment; and reflection questions for professional development. Throughout the book, Debbie has included hundreds of colored photos showing math work stations in action from a variety of classrooms in which she has worked. Charts, reproducible forms, and math work stations icons are included to provide everything you'll need to get started with stations in your classroom right away.

*Captivate, Activate, and Invigorate the Student Brain in Science and Math, Grades 6-12* Dave Burgess Consulting  
A thinking student is an engaged student  
Teachers often find it difficult to implement lessons that help students go

beyond rote memorization and repetitive calculations. In fact, institutional norms and habits that permeate all classrooms can actually be enabling "non-thinking" student behavior. Sparked by observing teachers struggle to implement rich mathematics tasks to engage students in deep thinking, Peter Liljedahl has translated his 15 years of research into this practical guide on how to move toward a thinking classroom. *Building Thinking Classrooms in Mathematics, Grades K-12* helps teachers implement 14 optimal practices for thinking that create an ideal setting for deep mathematics learning to occur. This guide Provides the what, why, and how of each practice and answers teachers' most frequently asked questions Includes firsthand accounts of how these

practices foster thinking through teacher and student interviews and student work samples Offers a plethora of macro moves, micro moves, and rich tasks to get started Organizes the 14 practices into four toolkits that can be implemented in order and built on throughout the year When combined, these unique research-based practices create the optimal conditions for learner-centered, student-owned deep mathematical thinking and learning, and have the power to transform mathematics classrooms like never before.

*Ditch That Textbook* John Wiley & Sons This book shows teachers how to differentiate instruction based on their students' learning preferences. Included are strategies and lesson plans for

visual, auditory and kinesthetic learners; analytical, practical and creative learners; and multiple intelligences, etc. Also included are over 50 blackline masters which you can copy or download to use in your classroom.

[Shaking Up Special Education](#) Corwin Press

Describes the philosophy of the Daily 5 teaching structure, includes a collection of literacy tasks for students to complete daily, and shares the Daily 3 for math.

**Ditch That Homework** Differentiation That Really Wo

The National Education Technology Plan (NETP) sets a national vision and plan for learning enabled by technology through building on the work of leading education researchers; district, school, and higher education leaders; classroom

teachers; developers; entrepreneurs; and nonprofit organizations. The principles and examples provided in this document align to the Activities to Support the Effective Use of Technology (Title IV A) of Every Student Succeeds Act as authorized by Congress in December 2015.

**The Daily 5** Corwin Press

Want to redefine learning? Looking to better utilize devices? Eager to maximize face time in the classroom? HyperDocs are the solution to personalized instruction using technology in today's modern classroom. They provide innovative ways to engage students and package digital lessons on a Google Doc. The HyperDoc Handbook is a practical reference guide for all K-12 educators looking to transform their teaching into

blended learning environments. This book strikes a perfect balance between pedagogy and how-to tips, while also providing several lesson plans to get you going. After reading this handbook, educators will feel equipped to design their own HyperDocs using both Google Apps and the myriad of web tools available online. Let this book become your guide to: Explore the pedagogy behind digital lesson design Follow step-by-step directions on how to create a HyperDoc Reflect and revise digital lessons using a checklist to "hack" your own HyperDocs Select tech tools best suited for lessons Connect and share with other educators Copy and customize sample HyperDocs to use in your own classroom HyperDocs will improve collaboration and instruction between all

education stakeholders, including: students, teachers, administrators, instructional coaches, professional developers, and families. After reading *The HyperDoc Handbook* you will be inspired to create and share!

*Guided Math: A Framework for Mathematics Instruction Second Edition*  
ASCD

*Shaking Up Special Education* is an easy-to-use instructional guide to the essential things you need to know about working with students with exceptionalities. Interactive, collaborative, and engaging, this go-to instructional resource is packed with the top instructional moves to maximize learning for all students. Featuring sample activities and instructional resources, chapters cover topics ranging

from specially designed instruction, to co-teaching, to technology, to social-emotional learning and self-care. Designed with special educators in mind, this book is also ideal for any general educator looking to increase student achievement and revitalize their practice. Shake up your teaching and learn how to build a more inclusive classroom!

*Math Word Problems* Routledge

Learn how to incorporate math workstations into your elementary math classes. Math workstations allow students to engage in meaningful, independent math practice through student-driven games and activities, and can be implemented as part of a math workshop or in a traditional math class. In this book, bestselling author and

consultant Nicki Newton shows you how to set up and manage math workstations for topics such as fluency, word problems, math vocabulary, and more. You'll also learn how to differentiate the activities for all ability levels and promote rigorous instruction, enabling your students to get the most out of this fun and engaging instructional method. Topics include: Teaching fractions, decimals, measurement, geometry, and more with a variety of tools and hands-on activities; Developing word problems and games to help students gain understanding of difficult mathematical concepts; Using precise mathematical language to encourage clear communication and logical thinking; Evaluating student competency and development with pre-assessments,

anecdotes, checklists, and self-reflections; Implementing new technologies to think through, explain, and present mathematical concepts. Each chapter includes a variety of charts, tools, and practice problems that you can use in the classroom immediately, and the strategies can be easily adapted for students at all levels of math fluency across grades 3–5.

**Read the World** Routledge

You had better not monkey around when it comes to place value. The monkeys in this book can tell you why! As they bake the biggest banana cupcake ever, they need to get the amounts in the recipe correct. There's a big difference between 216 eggs and 621 eggs. Place value is the key to keeping the numbers straight. Using humorous art, easy-to-follow

charts and clear explanations, this book presents the basic facts about place value while inserting some amusing monkey business.

*Sir Cumference and the First Round Table* Teacher Created Materials

Discover engaging, brain-based science and math strategies that captivate students' attention, activate prior knowledge, and invigorate interest. Features a ready-to-use framework, content-specific attention grabbers, and more.

*Guided Math AMPED* National Professional Resources Inc./Dude Publishing

Narnia meets traditional Indigenous stories of the sky and constellations in an epic middle grade fantasy series from award-winning author David Robertson.

Morgan and Eli, two Indigenous children forced away from their families and communities, are brought together in a foster home in Winnipeg, Manitoba. They each feel disconnected, from their culture and each other, and struggle to fit in at school and at their new home -- until they find a secret place, walled off in an unfinished attic bedroom. A portal opens to another reality, Askí, bringing them onto frozen, barren grounds, where they meet Ochek (Fisher). The only hunter supporting his starving community, Misewa, Ochek welcomes the human children, teaching them traditional ways to survive. But as the need for food becomes desperate, they embark on a dangerous mission. Accompanied by Arik, a sassy Squirrel they catch stealing from the trapline,

they try to save Misewa before the icy grip of winter freezes everything -- including them.

### **Sticky Teaching and Learning**

Routledge

Differentiation That Really Works:

Science provides time-saving tips and strategies from real teachers who teach science in grades 6-12. These teachers not only developed the materials and used them in their own classes, but they also provided useful feedback and comments about the activities. The strategies included in the book are tiered lessons, cubing, graphic organizers, exit cards, learning contracts, and choice boards. Every strategy includes directions and offers opportunities for differentiation. Grades 6-12  
The Differentiated Classroom Penguin

Banish boredom once and for all! If your STEM lessons are falling on disinterested ears, mix things up with engaging, brain-based science and math strategies that captivate students' attention, activate prior knowledge, and invigorate interest. Blending current research on the student brain with practical methods for teaching science and math, Almarode and Miller identify six essential "ingredients" in a recipe for student success. You'll discover: A customizable framework you can use right away Classroom-ready, content-specific attention grabbers Overt and covert strategies to boost behavioral, emotional, and cognitive engagement Techniques for making relevant connections that maximize retention  
Math Work Stations Routledge

Textbooks are symbols of centuries-old education. They're often outdated as soon as they hit students' desks. Acting "by the textbook" implies compliance and a lack of creativity. It's time to ditch those textbooks--and those textbook assumptions about learning In Ditch That Textbook, teacher and blogger Matt Miller encourages educators to throw out meaningless, pedestrian teaching and learning practices. He empowers them to evolve and improve on old, standard, teaching methods. Ditch That Textbook is a support system, toolbox, and manifesto to help educators free their teaching and revolutionize their classrooms.

RTI and Mathematics for Middle School  
 Free Spirit Publishing  
 Presents teaching strategies and lessons



for differentiated mathematics  
instruction in grades six through twelve.