Day One

Keynote • 8:30 - 9:05 am

“The Times They Are A’Changin!’ Preparing Our Guided Math Students for the 21st Century – Barb Blanke

What do 21st Century students need from their education when it comes to mathematics? It makes sense for teachers to be constantly aware of the skills that are actually required in the workplace. If those skills change, so should the education we provide. Join Barb as she explores which math skills need to be nurtured for our students and how they relate to the mathematical “habits of the mind” that we are requiring them to achieve. Let’s start this dynamic Guided Math conference with a keynote address that will leave you feeling empowered, energized and well equipped to meet the diverse needs of your students!

MORNING SESSIONS • 9:15 - 11:50 am

Choose ONE Full Morning Session OR TWO 70-Minute Sessions • One mid-morning break

Full Morning Session • 9:15 – 11:50 am

Full Morning Session • 9:15 – 11:50 am

A-1: Practical Strategies to Better Organize and Manage Your Guided Math Groups
– Amy Stark

Discover how and why Guided Math can be your most effective tool for reaching all ability levels in your classroom. Leave with the latest low-stress, classroom-tested ways to successfully organize, implement and manage your Guided Math groups. Plus, you’ll receive timesaving tips for maximizing the impact of Guided Math for students of all ability levels. Finally, you’ll gain valuable tips for developing daily routines to make your Guided Math groups predictable and manageable rather than overwhelming.

A-3: Terrific Math Games for the Rest of Your Class While You Teach Guided Math Groups
– Kelly Harmon

Explore how to set up games that are perfect for centers or stations. Engage your learners in strategic thinking and deepen their foundational knowledge while you teach Guided Math groups. Walk away with management ideas and resources you can use to maximize success.

Lunch break on your own • 11:50 am – 1:05 pm (A great time to network with colleagues!)

70–Minute Sessions • 9:15 – 10:25 am

CHOOSE ONE: A-2 or A-3


Facilitating mathematical discourse in the K-6 Guided Math classroom is revitalizing yet demanding. While student ideas amaze us, discourse is more than show and tell of student strategies. Learn how to map your first 20 days of discourse to IGNITE mathematical understanding for all your students! Leave with dozens of free resources and websites, as well as a great plan to maximize the benefits of student discourse in your K-6 Guided Math program!

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A-4: Here They Are: Practical Tips for Managing Math Learning Centers in Any Grade! – Barb Blanke

Learn classroom-proven techniques for setting up highly motivating math centers that your students will enjoy and that will keep them independently focused on mathematics. Barb will share tried-and-true management strategies that respect your valuable Guided Math teaching time by minimizing set-up, planning and grading while students are actively engaged in math center activities.


Explore ways to use your Guided Math students’ favorite sports teams to engage them in exciting computation and problem solving practice. Learn how to use team and player data to warm up your class and provide independent practice to meet your rigorous expectations. Leave with a proven plan for winning your students over, while increasing their practice opportunities and strengthening their math skills!

70–Minute Sessions • 10:40 – 11:50 am

CHOOSE ONE: A-4 or A-5

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Team Discount

ONE DAY
One Person: $289
BOTH DAYS
One person: $479
Team of 3+: $459 per person when enrolled at the same time

Who Should Attend
Classroom Teachers, Title I Staff, Special Education Staff, Math Specialists, and Other Educators Teaching Math in Grades K-6

“I learned so much and can’t wait to start practicing. I feel empowered!”
– Amy Ramon, 2nd Grade Teacher

… “A ton of new tools to add to my Guided Math classroom!” …
Day One

AFTERNOON SESSIONS • 1:05 - 3:35 pm

Choose ONE Full Afternoon Session OR TWO 70-Minute Sessions
One mid-afternoon break

Full Afternoon Session • 1:05 – 3:35 pm

B-1: Strengthen Students’ Problem Solving During Guided Math Instruction
– Kelly Harmon

Help your students become complex problem solvers—especially when two or more steps are involved! In this session, you’ll learn the key steps students can use from grades K-6 to more efficiently process and solve word problems during Guided Math. We will explore complex, yet doable real-world problems using eight different problem solving strategies you can incorporate in your Guided Math program.

First 70-Minute Afternoon Sessions
1:05 – 2:15 pm

CHOOSE ONE: B-2 or B-3

B-2: Beyond Pizzas and Pies: Demystifying Fractions in Guided Math (Grades 3-6) – Barb Blanke

Experience how you can demystify fractions for ALL of your students. We will explore the language of fractions, equivalence, addition, subtraction, multiplication, and division. Using the bar model and pattern blocks you will leave with ready-to-use Guided Math activities that will deepen your students’ understanding of fractions. Ah-ha’s are guaranteed!

B-3: Innovative Independent Math Center Activities While You Work With a Small Guided Math Group (Grades K-2) – Amy Stark

Receive a wealth of math center ideas for your grades K-2 students to extend their learning, strengthen their mathematical understanding and keep them mathematically engaged and challenged. Learn how to create, adapt and manage these math centers so students are on task while you work with your Guided Math groups. Ideas shared are easy to incorporate, cost little or nothing AND are highly-motivating for your students.

Second 70-Minute Afternoon Sessions
2:25 – 3:35 pm

CHOOSE ONE: B-4 or B-5

B-4: Building Computational Fluency with Addition and Subtraction Using Math Talks, Ten Frames, Riddles, Games, and Number Racks (Grades K-2) – Barb Blanke

How can you make sure all your students build strategies that provide flexibility, accuracy and efficiency with addition and subtraction facts to 20? Take your Guided Math students to new heights and proficiency with these fun-filled, easy-to-implement visual models, strategies, tasks, games, apps, and math talks. Leave with ready-to-use activities that will help your K-2 students meet rigorous computational fluency grade level standards.

B-5: Math Talk and Writing Strategies to Deepen Your Students’ Understanding of Math Concepts (Grades 3-6) – Amy Stark

Learn exciting and innovative strategies to help your students use their “math talk” to strengthen their written mathematical explanations. Discover how to easily incorporate writing into your Guided Math program as a way to extend mathematical thinking and increase your students’ understanding of concepts and their use of key math vocabulary.

Can’t Attend? Online Professional Development Option:

Related Online Courses
Related On Demand Video-Based Online Learning courses, Using Guided Math To Strengthen Students’ Math Learning, for Grades K-2 and Grades 3-6, and other math related courses are available for immediate registration. To enroll, visit www.ber.org/online.
On-Site Training

Conferences like this one along with many other topics can be brought to your school or district. Please view all of our On-Site PD options at www.ber.org/onsite or call 877-857-8964 to speak with an On-Site Training PD Consultant.

Day Two

MORNING SESSIONS • 8:30 – 11:15 am

Choose ONE Full Morning Session OR TWO 75-Minute Sessions
One mid-morning break

Full Morning Session • 8:30 – 11:15 am

C-1: Unlock the Power of Guided Math Groups in Your Classrooms! – Barb Blanke
Come experience what Guided Math is all about! Learn how to both reinforce and extend math concepts and skills in a small group setting to ensure student success in grades K-6. See the power of “just-in-time” teaching that keeps students fully on track and positively motivated in real-teacher classrooms. Gain fresh, new ideas that will help reduce your students’ math frustration by guiding their learning when they need it most and extending learning for those students who are ready to go!

First 75–Minute Morning Sessions
8:30 – 9:45 am

CHOOSE ONE: C-2 or C-3

C-2: Utilize Number Talks to Practice Computational Skills and Develop Mental Math Abilities – Kelly Harmon
Engage students in daily number talks that help them practice computational skills and develop mental math strategies, perfect for Guided Math. Learn how to develop standards-specific number talks that incorporate student interests and cumulative review of the math standards.

C-3: Making Best Use of Technology in the Guided Math Classroom – Amy Stark
Discover highly effective ways to integrate technology into your Guided Math classroom. You will leave with examples of classroom-tested apps and websites to differentiate your math instruction and give your students opportunities to practice and strengthen their understanding of key math skills. Explore FREE, timesaving digital resources, readily available to you and perfect for use in your Guided Math classroom!

Second 75–Minute Morning Sessions
10:00 – 11:15 am

CHOOSE ONE: C-4 or C-5

C-4: Setting Guided Math Goals and Tracking Student Progress – Kelly Harmon
Students who know what they are learning and track their own mastery make greater achievement strides. Learn how to break down math standards and expectations into discrete learning targets. Examine learning boards that help students know what they will be learning, what they are learning and make vital connections to what they have already learned.

C-5: Innovative Independent Math Center Activities While You Work With a Small Guided Math Group (Grades 3-6) – Amy Stark
Learn multiple ways to strengthen grades 3-6 math instruction using centers that reinforce the content taught during whole and small group instruction. Discover dozens of valuable ideas for creating more meaning and interest in grades 3-6 independent math activities while you work with your Guided Math groups. Ideas shared are easy to incorporate, cost little or nothing AND are motivating for your upper elementary students.

11:15 am – 12:30 pm • Lunch Break (on your own)

Comprehensive Guided Math Resource Handbook

You will receive an extensive resource handbook, specifically designed for this conference. Included in the handbook are resource materials for ALL conference sessions, even those you don’t attend. These materials include:
- Timesaving, teacher friendly ideas for implementing Guided Math groups and managing math centers in your own classroom
- Key ideas and specific tips for setting up and managing Guided Math groups
- Detailed components of strong Guided Math group lessons
- A variety of differentiated, scaffolded math templates for valuable activities across the five NCTM content standards

“The handbook is a great resource to reference back to!”
– Jen Gennux, 1st Grade Teacher

On-Site Training

Conferences like this one along with many other topics can be brought to your school or district. Please view all of our On-Site PD options at www.ber.org/onsite or call 877-857-8964 to speak with an On-Site Training PD Consultant.

... “This was an excellent conference!” ...
Day Two

Conference Locations & Hotel Accommodations

Richmond
Visit a wide variety of cultural and recreational activities, some attraction including taking a ride on the RVA Trolley or visiting the 100-acre Maymont Park.

Conference Location and Overnight Accommodations:
Four Points by Sheraton – Airport (804) 226-4300

Mention you are attending this BER conference prior to January 3, 2020 to receive the special rate of $109 (Single), rates subject to availability.

Columbia
Visit South Carolina’s capitol, home to a variety of sights including the SC Statehouse, the Columbia Museum of Art, or the South Carolina State Museum.

Conference Location and Overnight Accommodations:
Hilton Garden Inn Northeast (803) 807-9000

Mention you are attending this BER conference prior to January 7, 2020 to receive the special rate of $119 (Single/Double), rates subject to availability.

AFTERNOON SESSIONS • 12:30 - 3:10 pm

Choose TWO 75-Minute Afternoon Sessions
One mid-afternoon break

First 75-Minute Afternoon Sessions 12:30 - 1:45 pm

CHOOSE ONE: D-1, D-2 or D-3

D-1: Solving Rigorous Guided Math Tasks in 3 Simple Steps! (Grades 3-6)
– Barb Blanke
Tired of students who read a problem, underline two numbers and then operate on them in any way? You can meet or exceed your rigorous standards using this simple 3-step strategy in Guided Math to build confident problem solvers. See how problem stems from any resource and the “Three Reads” strategy can develop a deeper understanding and the perseverance that is needed to be an independent problem solver. Leave ready to use “Three Reads” tomorrow with your current resources and watch autonomous problem-solvers bloom!

D-2: Organizing the Math Block to Incorporate Guided Math Instruction
– Kelly Harmon
Learn what do to first, last and in the middle of math class to ensure lasting learning in your Guided Math groups. Gain outstanding planning tips and ideas designed to help you maximize the impact of your math instruction and students’ learning in your Guided Math classroom.

D-3: Classroom-Tested Math Warm-Ups That Provide a Smooth Transition into Your Guided Math Rotations (Grades K-3)
– Amy Stark
Learn why warm-ups should be part of your daily Guided Math routine and how to provide highly effective ones in your grades K-3 classroom. Ideas shared are easily adaptable to any grade level concepts taught as well as with any math curriculum you’re using.

Second 75-Minute Afternoon Sessions 1:55 - 3:10 pm

CHOOSE ONE: D-4, D-5 or D-6

D-4: Not-to-Miss Math Learning Center Activities Specifically Designed for Grades 3-6 – Barb Blanke
This fast-paced session is brimming with ideas you’ll want to try immediately in your Guided Math classroom. Innovative, hands-on, interactive small group and independent activities will be shared that meet the diverse needs of students in grades 3-6 and increase their understanding and proficiency when meeting rigorous standards. Don’t miss these effective techniques that will enable you to more efficiently teach Guided Math groups!

D-5: Using Children’s Literature to Engage Students in Problem Solving Activities – Kelly Harmon
Children’s books provide a perfect starting point for engaging students in authentic problem solving. In this session, explore literature matched to math standards and great ways to use manipulatives and drawing strategies during Guided Math to help students think through complex problems.

D-6: Differentiated Problem Solving Strategies to Use During Small Group and Whole Class Instruction – Amy Stark
Discover how to incorporate the ideas of Cognitively Guided Instruction (CGI), into your Guided Math program to help your students expand their intuitive understanding of math concepts to solve and explain problems. You will leave this session with CGI problems you can immediately use with your students, an understanding of how to write your own problems, and strategies for incorporating CGI into your own Guided Math program.