

# Day One

## Keynote • 9:00 - 9:30 am

### A-0: "Empowered, Energized and Equipped!" – Barb Blanke

What does every student need from their education for future success when it comes to mathematics? How do we efficiently make up for unfinished learning? Join Barb as she explores which math skills need to be nurtured for ALL students to build the mathematical "habits of the mind" that are required for success in the 21st Century. 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 every student in your classroom!

## MORNING SESSIONS • 9:40 am - 12:10 pm

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

### Full Morning Session • 9:40 am – 12:10 pm

#### A-1: Unlock the Power of Guided Math Groups! What All the Books Did Not Tell You! – 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 catch up those who have fallen behind by guiding their learning when they need it most and challenging students who are ready to go.



### First 70-Minute Morning Sessions 9:40 – 10:50 am

#### **CHOOSE ONE: A-2 or A-3**

#### A-2: Stop Spending Valuable Money and Time on Center Construction and Center Design! – Deborah Allen Wirth

Are you interested in using centers in your Guided Math classroom, but feeling burnt out from the creation of multi-leveled activities? Learn how to create effective centers, that incorporate variations on a theme, but reach students of all ability levels. Learn how to use grouping strategies to formulate both homogeneous and heterogeneous groups and explore ways to provide students with independence and choice in their center activities and rotation.

#### A-3: Developing Computational Fluency Through Number Talks and Number Strings – Ann Elise Record

Let's deep dive into one of the most powerful daily routines in your Guided Math toolkit. Utilize Number Talks and Number Strings to develop ALL students' understanding of the patterns in our number system. Help students who've fallen behind explore number relationships to move them beyond inefficient counting strategies to more sophisticated computational strategies. Watch as students astound you with their flexible thinking and mental math skills.

### Second 70-Minute Morning Sessions 11:00 am – 12:10 pm

#### **CHOOSE ONE: A-4 or A-5**

#### A-4: Differentiating Components Within the Guided Math Block – Deborah Allen Wirth

Guided Math is so much more than working in a small group setting! There are many different avenues through which differentiation may occur. Investigate how whole group instruction, independent practice, problem of the day, and other components are also differentiated. Enhance your current math block with any or all components discussed in this session to best meet your students' needs and your teaching style.

#### A-5: Hands-On Fractions in Guided Math – Ann Elise Record

Learn about how we can deepen ALL students' conceptual fraction understanding of equivalence, comparison, conversion from fraction form to mixed number form, addition, and subtraction of fractions using a variety of concrete math tools such as pattern blocks, Cuisenaire rods, non-labeled fraction tiles, and paper folding. Rather than following procedural steps that are disconnected from meaning, students will be using number sense strategies that enable them to arrive at accurate answers but also support their conceptual understanding of fractions and the operations as well.

### Who Should Attend

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

*"I am ready for facilitating guided math groups during my math instruction time! Thank you for such a wonderful conference!"*

– Faye Hazelberg, 3rd Grade Teacher

### Team Discount

#### ONE DAY

One Person: \$289

#### BOTH DAYS

One Person: \$489

**Team of 3+: \$469 per person when enrolled at the same time**

### Lunch break • 12:10 – 1:10 pm

... "Worth the time! It was a joy and a valuable learning experience." ...

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# Day One

## AFTERNOON SESSIONS • 1:10 - 3:40 pm

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

### Full Afternoon Session • 1:10 – 3:40 pm

#### **B-1: Tech Tools to Aid Guided Math** – *Deborah Allen Wirth*

Are you overwhelmed with the number of tech tools that exist today? Join Deb as she shares her favorite free tools that greatly aid in all the components of Guided Math instruction, including direct instruction, guided and independent practice, centers, and anchor activities. Discover effective ways to organize these tech tools so they are right at your fingertips!

#### First 70-Minute Afternoon Sessions 1:10 – 2:20 pm

#### **CHOOSE ONE: B-2 or B-3**

#### **B-2: 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 the 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.

#### **B-3: Incorporating Geometry and Measurement Topics Year-Round** – *Ann Elise Record*

In many curricula, Geometry and Measurement Units appear in the spring so students may have gone a full year (or more!) without using geometry vocabulary, exploring the topics of shapes' attributes and classifications, as well as the measurement topics of perimeter, area, and volume. Join Ann Elise as she shares the learning progressions of geometry and measurement topics as well as practical ways to incorporate these topics both in your Guided Math lessons as well as independent workstations year-round to move your students to higher thinking levels within this essential math domain.

#### Second 70-Minute Afternoon Sessions 2:30 – 3:40 pm

#### **CHOOSE ONE: B-4 or B-5**

#### **B-4: Not-to-Miss Math Learning Center Activities** – *Barb Blanke*

This fast-paced session is brimming with games and routines that you will 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 your students and increase their understanding and proficiency when meeting rigorous standards. Don't miss these effective activities that will keep all your students engaged in math, while you teach your Guided Math groups!

#### **B-5: Powerful Daily Routines That Deepen Reasoning Abilities for All Learners** – *Ann Elise Record*

Incorporate a wealth of classroom-tested daily routines that develop students' number sense and reasoning abilities. Discover whole and small group routines that provide rich opportunities for Guided Math students to discuss their thinking, critique the reasoning of others, make connections between various math concepts, use precision in their math vocabulary, and develop flexible use of strategies. We'll explore routines like Number Talks, Splat! Which One Doesn't Belong and more!

## Can't Attend? Online Professional Development Options:



## Related Online Courses

A related On Demand Video-Based Online Learning course, *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](http://www.ber.org/online)

# Day Two

## MORNING SESSIONS • 9:00 – 11:40 am

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

### Full Morning Session • 9:00 – 11:40 am

#### **C-1: Math Running Records: Meeting Students' Addition, Subtraction, Multiplication, and Division Fluency Needs** – *Ann Elise Record*

Incorporate Math Running Records in your Guided Math program to measure the four aspects of math fact fluency, allowing you to target your differentiated instructional response to meet the unique needs of all your students, especially those that have fallen behind. Explore the progression of addition, subtraction, multiplication, and division strategies and see videos of running records in action. Learn how to best incorporate impactful strategies, math tools, games, and activities within your Guided Math lessons and independent workstations.

### First 75-Minute Morning Sessions 9:00 – 10:15 am

#### **CHOOSE ONE: C-2 or C-3**

#### **C-2: Guided Math: Successful Classroom Management and Student Behavior Techniques** – *Deborah Allen Wirth*

Because Guided Math is differentiated in a myriad of ways, proactive classroom management is a must! Explore different strategies and tools to foster student accountability and on-task behaviors. Work smarter, not harder by incorporating the strategies provided in this session. Watch as your students transform into self-motivated learners!

#### **C-3: All Students Can Make Sense of Fractions!** – *Barb Blanke*

Experience how you can demystify fractions for ALL of your students, whether they are struggling or are ready to take their learning to the next level. We will explore the language of fractions, equivalence, addition, subtraction, multiplication, and division. Using the bar model and pattern blocks as visual models you will leave with ready-to-use lessons to use whole group or in your Guided Math sessions that will deepen your students' understanding of fractions. "Aha" moments guaranteed!

### Second 75-Minute Morning Sessions 10:25 – 11:40 am

#### **CHOOSE ONE: C-4 or C-5**

#### **C-4: Hands On, Kinesthetic Activities for Guided Math** – *Deborah Allen Wirth*

Hands on learning is a must for kinesthetic learners! Discover great ways to create inexpensive manipulative boxes for easy and accessible student use. No longer will you spend time passing out materials to students! Additionally, this session will explore different ways to engage learners using hands-on and movement-based activities for your Guided Math block! Your students will "eat up" these activities!

#### **C-5: Solving Rigorous Guided Math Tasks in 3 Simple Steps!** – *Barb Blanke*

Tired of students who read a problem, underline two numbers, and then operate on them in any way? Using this simple 3-step routine, you can meet your rigorous grade level standards while building confident problem solvers. Learn how problem stems from any resource along with the "3 Reads" routine can develop a deeper understanding and the perseverance that is needed to be an independent problem solver. Leave ready to use the "3 Reads" routine tomorrow with your current resources and watch autonomous problem-solvers bloom!

## Comprehensive Digital Resource Handbook

You will receive an extensive digital 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
- Key ideas and specific tips for setting up and managing Guided Math groups
- Detailed components of strong Guided Math group lessons



*"The sessions were great; I had a hard time choosing just one to go to each time period. Thank you to the presenters for sharing your knowledge!"*

– Jodie Yantachka, Instructional Coach



### Lunch Break • 11:40 am – 12:40 pm

# Day Two

## AFTERNOON SESSIONS • 12:40 - 3:20 pm

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

### First 75-Minute Afternoon Sessions 12:40 - 1:55 pm

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

**D-1: Building Computational Fluency with Addition and Subtraction Using Math Talks, Ten Frames, Riddles, Games, and Number Racks – Barb Blanke**

How can we 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 activities, tasks, games, apps, that use visual models and apps! Leave with ready-to-use activities that will help your students meet rigorous computational fluency grade level standards.

**D-2: Engaging Card Games to Help Reinforce Math Skills (Grades K-3) – Deborah Allen Wirth**

This session is full of innovative card games you can immediately use with your grades K-3 students in Guided Math to reinforce basic math skills. Discover how these card games can provide unique practice opportunities for mastering math skills at school and at home! Explore topics including number recognition, comparing numbers, three addend addition, rounding 10s and adding 10s, addition and subtraction facts, odd and even numbers, place value, and sequencing.

**D-3: Building Confident, Enthusiastic Problem Solvers in Guided Math! (Grades 3-6) – Ann Elise Record**

Explore practical ways to accelerate the problem-solving of ALL your grades 3-6 students within your Guided Math lessons and leveled workstations. Make best use of concrete math tools, pictorial model representations and abstract equations to build confident, enthusiastic problem solvers. Help ALL students catch up through activities set at the appropriate level for each of your diverse students. Set the stage for accelerating ALL students' problem-solving success!

### Second 75-Minute Afternoon Sessions 2:05 - 3:20 pm

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

**D-4: Achieving Rich Mathematical Discourse by Relinquishing Power: Teacher Moves to Engage Your Kids in Mathematical Talk – Barb Blanke**

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

**D-5: Defeating the "I'm done!" Dilemma in Your Guided Math Classroom! – Deborah Allen Wirth**

"I'm done!" Has this phrase ever been shouted in your classroom as you were working with a small group? Using anchor activities will prevent this from happening in the future. Gain knowledge of different anchor activities spanning a variety of content strands, while utilizing different process standards. After this session, you will never be faced with this dilemma again!

**D-6: Building Confident, Enthusiastic Problem Solvers in Guided Math! (Grades K-2) – Ann Elise Record**

Explore practical ways to respond to the unique problem-solving needs of your grades K-2 students excel to the next level of learning. Learn how to make best use of concrete math tools, pictorial model representations and abstract equations to increase the learning of ALL students from struggling to accelerating. Learn strategies to develop students' conceptual understanding of the underlying structures within addition and subtraction problem types. Set the stage for students' problem-solving success!



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