

Keynote • 9:00 – 9:30 am

“Guided Math: Navigating New Horizons for Grades K-6” – Deborah Allen Wirth

Reinventing Guided Math without increasing our workload is the challenge we all face. Join Deb as she kicks off our two-day conference designed to reimagine Guided Math. Let's optimize our teaching with adaptable strategies, seamlessly integrating traditional differentiating techniques with innovative approaches. Discover how to work smarter, not harder, and tailor instruction to diverse learning needs using existing resources. In this dynamic keynote, we'll explore the timeless principles of Guided Math, now more crucial than ever, ensuring our Grades K-6 classrooms thrive in the evolving educational landscape.

"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

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: 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.

Team Discount

ONE DAY

One Person: \$325

BOTH DAYS

One Person: \$595

**Team of 3+: \$565 per person
when enrolled at the same time**

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

CHOOSE ONE: A-2 or A-3

A-2: Streamlining Tiered Activities for Inclusive Guided Math Centers – Deborah Allen Wirth

Are you keen on integrating tiered activities into your Guided Math classroom without the hassle of constructing multiple sets of materials? Bid farewell to the complexities of multi-leveled activities! Join Deb to uncover practical strategies for creating impactful centers that cater to diverse ability levels using a tiered approach. Discover how to seamlessly differentiate activities while utilizing the same materials for all students. Explore effective grouping strategies to form both homogeneous and heterogeneous groups and learn techniques to foster student independence and choice within center activities and rotations. Say goodbye to the time-consuming task of center construction and design and welcome a more streamlined and inclusive approach to Guided Math centers.

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

Let's dive deep 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.

Lunch break • 12:10 – 1:10 pm

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

Who is BER?

The Bureau of Education & Research is North America's leading presenter of training for professional educators. Our goal is to provide high-quality PD programs, based on sound research, with an emphasis on practical strategies and techniques that can be immediately implemented.



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

– *Amy Stark*

Learn how to create, adapt and manage math centers so students are on task while you work with your Guided Math groups. 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. Ideas shared are easy to incorporate, cost little or nothing AND are motivating for your students. Amy will share ideas to support all levels of learning.

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: 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.

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

Related On Demand Video-Based Online Learning courses, *Using Guided Math to Strengthen Students' Math Learning*, for Grades K-2 or Grades 3-6, and other math-related courses, are available for immediate registration. To enroll, visit 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: Daily Number Routines That Provide a Smooth Transition Into Your Guided Math Rotations – Amy Stark

Learn highly effective, classroom tested number routines that are engaging and accessible for all students. Ideas shared are easily adaptable to any grade level concepts taught as well as with any math curriculum you're using. You'll also leave with a better understanding on WHY guided math should start with one of these number routines.

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: 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 differentiated problems you can immediately use with your students, an understanding of how to write your own problems, and strategies for incorporating the principles of CGI into your own Guided Math program.

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 enhancing Guided Math groups and managing math centers
- Key ideas and specific tips for setting up and managing Guided Math groups
- Detailed resources for 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

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.



ABOUT BER CONFERENCES

Outstanding Instructors

All programs are led by outstanding, top-rated BER national trainers.

Extensive Resource Handbook

You'll receive an extensive digital Resource Handbook full of practical strategies and resources.

Highly Interactive

You'll be able to ask questions, consult with the instructors, and share ideas with other participants.

Program Guarantee

As we have for 48 years, we guarantee the high quality of our programs. If you are not satisfied, we'll give you a 100% refund.

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: Spark New Ideas for Your Classroom With Powerful Teacher Tech Tools

– Amy Stark

Looking for inspiration to enhance your teaching? In this session, you'll explore a variety of technology tools and platforms designed specifically for educators to help you discover fresh ideas, engaging activities, and effective strategies for your classroom. Learn how to leverage AI to spark creativity and save planning time. You'll leave with FREE, time-saving digital resources, readily available to you and perfect for use in your Guided Math classroom with the whole class, small groups or individually!

D-2: Math Made Fun: Card Games for Skill Reinforcement (Grades K-3)

– Deborah Allen Wirth

Dive into a collection of captivating card games designed to enhance the learning experience for your K-3 students in Guided Math. This session unveils a set of innovative games that can be instantly incorporated into your curriculum to reinforce key math skills for Grades K-3 which are easily adaptable for partners, trios, and small groups. Gain insights into how these activities can be tailored for both emerging learners and those striving to master foundational math concepts. Elevate your Guided Math sessions with these adaptable and effective card games that make learning math enjoyable for every student.

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: 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.

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 and watch them 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!