

**A Unique Two-Day Live Online Conference**

# Maximizing GUIDED MATH Success in Your Classroom!



**December 5 and 6**

***Start Time: 9 AM Eastern***

(8 AM Central, 7 AM Mountain, 6 AM Pacific)

CEUs and Graduate Credits Available

See page 7 for details

**Choose from 21 Strategy-Packed Conference Sessions**



**Hands-On Options • Math Teacher Resources • Hundreds of Practical Strategies**

# Maximizing Guided Math Success in Your Classroom!



## Meet Your Team of Expert Instructors

**DR. BARBARA (BARB) BLANKE** is an outstanding math educator, author and international consultant who is known for her creativity, enthusiasm and practical ideas for teaching students and teachers about understanding mathematics and best practices in teaching mathematics. Barb brings to her presentations a special passion for meeting the differentiated needs of all K-6 students, along with a wealth of practical tips and ideas for using the Guided Math structure in your own classroom. You'll find her sessions lively, informative and packed with hundreds of teacher-tested activities and routines to use tomorrow in your classroom!

**RYAN DOETCH** is an experienced and award-winning elementary educator, math coach and an enthusiastic presenter. He is known for his skills in helping students learn to read and write, understand math concepts and use technology in motivating and meaningful ways. Drawing from his daily classroom experiences, his trainings are filled with highly effective strategies, ideas and tips you can use immediately to support your math students in Guided Math. You will leave his sessions inspired and excited get back to your classroom to work with your students!

**KELLY HARMON** is a stellar presenter who has a wealth of real Guided Math teaching experience and practical strategies from her many years as a classroom teacher, instructional coach, and national consultant. Kelly's presentations are fast-paced, interactive and highly engaging. You will receive dozens of classroom-proven Guided Math strategies you can use to strengthen your math instruction and greatly increase all your students' mathematical understanding and achievement.

highly-effective

groups

dynamic lessons

timesaving

math games

centers

classroom proven

practical

conceptual understanding

numbers

FUN strategies

problem solving

instructional techniques

computational skills

engaging

rigorous tasks

organizational tips

Math

# Day One

**Keynote • 9:00 – 9:30 am**

## **“Using Guided Math to Catch Up Students Who Have Fallen Behind and Accelerate the Progress of All!” – Kelly Harmon**

How are our students seeing, thinking, and using math concepts and skills in meaningful, tangible, and motivating ways? Let’s kick off a great two days together as we explore a multitude of Guided Math ideas to catch up those who have fallen behind and accelerate the progress of all of our K-6 students. Don’t miss this truly insightful keynote session!

## **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 extending learning for those 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: Replacing Worksheets with Rich Math Tasks Accessible to All Learners – Ryan Doetch**

Learn how mathematical tasks can replace worksheets to develop strong conceptual understanding, problem solving, procedural fluency, and opportunities for all students to engage in meaningful, rigorous mathematics. Leave with ready-to-use math tasks that capitalize on real life applications and spark engagement, curiosity and creativity. These are perfect for any math program or grade level, and for Guided Math, centers and whole group instruction. Enhance student collaboration, discussion, communication of reasoning, and success in math!

#### **A-3: 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 create standards-based learning targets and success criteria that help you partner with students to close the daily learning gap. Examine routines that help students know what they *will be* learning, what they *are* learning, and make vital connections to what they *have already* learned.

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

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

#### **A-4: Make One Simple Change to Any Math Problem to Strengthen Depth, Increase Rigor and Strengthen Problem Solving – Ryan Doetch**

Discover one simple change that can be made to any math problem that will jumpstart your students’ thinking skills in ways that will increase their involvement, improve their learning and give them ownership of the learning process ... Build a deeper, richer understanding of mathematics for all of your students.

#### **A-5: Organizing the Math Block to Incorporate Guided Math Instruction – Kelly Harmon**

Learn what to do first, last and in the middle of math class to ensure lasting learning in your Guided Math-focused classroom. Gain outstanding planning tips, ideas, and routines to help you. Learn how to advance the learning of every student.

#### **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.” ...



## 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.



## Online Learning

BER offers educators a wide range of online courses that are affordable, fun, fast, and convenient. BER is now offering On Demand Video-Based courses. You may earn optional graduate-level credits for most courses. See the catalog of available courses at [www.ber.org/online](http://www.ber.org/online)

# 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: Strengthen Students' Problem Solving During Guided Math Instruction**

– Kelly Harmon

Help every student become a complex problem solver– 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. Discover the strategies that will help close any gaps and accelerate the learning of ALL students.

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

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

##### **B-2: Unlocking Children's Math Potential Through Differentiation**

– Ryan Doetch

Unlock your students' full potential during Guided Math with instruction that accounts for the diverse needs of your students in grades 1-5, from those who excel to those who struggle with math skills. Leave with practical strategies and proven tips for differentiating your math instruction and problem-based learning.

##### **B-3: Strengthening Computational Fluency with Addition and Subtraction Using Math Talks, Ten Frames, Riddles, Games, and Number Racks**

– 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 students meet rigorous computational fluency grade level standards.

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

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

##### **B-4: Revolutionize Your Math Classroom Through Transformational Teaching and Productive Struggle** – Ryan Doetch

Gain innovative ideas for reducing students' math frustrations, guiding their learning when they need it most and extending their learning when they are ready to move on! Explore teaching strategies for intensification for all students and proven ways to motivate demotivated students. Walk away with transformational teaching strategies that engage students in positive, productive struggle and result in deeper student understanding and success with key math concepts.

##### **B-5: Not-to-Miss Math Learning Center Activities** – 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 your students 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

## 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: Effective Interventions to Help Accelerate Student Learning and Transform Students' Math Experience** – *Ryan Doetch*

Discover research-based practices that will help students who struggle in math go on to higher levels of achievement, engagement and persistence. Learn about practical strategies to use with Response to Intervention students in math that are comprehensive, grounded in research and can be powerfully applied by any teacher, parent or interventionist.

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

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

##### **C-2: Helping All Students Access and 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 you will leave with ready-to-use Guided Math activities that will deepen your students' understanding of fractions. Ah-ha's are guaranteed!

##### **C-3: 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, strengthen their skills, and help all students achieve, even those who've fallen behind.

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

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

##### **C-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.

##### **C-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.

### 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](http://www.ber.org/onsite) or call 877-857-8964 to speak with an On-Site Training PD Consultant.

## 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



# Day Two

## AFTERNOON SESSIONS • 12:40 – 3:20 PM

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

### ABOUT BER LIVE ONLINE CONFERENCES

#### Outstanding Instructors

All programs are led by outstanding BER national trainers

#### Extensive Digital Resource Handbooks

You'll have access to an extensive digital resource handbook before, during and after your conference

#### Highly Interactive

You'll be able to ask questions in real time and interact with the instructor and other participants

#### Program Guarantee

As we have for 45 years, we guarantee the high quality of our programs. If you are not satisfied, we'll give you a 100% refund.



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

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

#### **D-1: Unleashing Students' Potential Through Positive Growth Mindset and Innovative Teaching**

– *Ryan Doetch*

Did you know that when students believe in themselves their brains operate differently? Learn the latest research about growth mindset, how that impacts a students' ability to succeed and walk away with highly effective resources to use with your students – whether they struggle or are ready for accelerated learning – during Guided Math.

#### **D-2: 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? 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-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 for both students who've fallen behind and those ready for new challenges.

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

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

#### **D-4: Using Math Games and Centers to Strengthen Problem Solving, Number Sense, Addition, and Subtraction**

– *Ryan Doetch*

Work smarter, not harder ... Introduce math centers that change students from mathematical doers into mathematical thinkers and keep them actively engaged in independent work and meaningful practice of essential math skills. Discover innovative, timesaving ways to keep centers interesting, fresh and interactive for all learning levels. Join Ryan to learn how to use these strategies with all of your students.

#### **D-5: Let Your Kids Talk! Guiding Mathematical Discourse to Support Deep and Equitable Learning for ALL Your K-6 Students – Barb Blanke**

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.

#### **D-6: Increase Engagement and Rigor in Your Guided Math Program**

– *Kelly Harmon*

Explore ways to engage your students' mathematical reasoning during computation and problem-solving practice. Learn how to set up challenging questions and situations to give access to rich mathematical thinking to all students whether they are working on closing a gap or at an advanced level. Leave with proven strategies and activities for stretching your students' mathematical reasoning in small group and whole group lessons.

# Maximizing GUIDED MATH Success in Your Classroom!

## Registration (NM93F1)

(Please copy this registration form for additional registrants)

**DECEMBER 5 and 6, 2022** (Start time: 9 AM Eastern)

- Both days: ☐ December 5 and 6, 2022  
 One day only: ☐ December 5, 2022  
 One day only: ☐ December 6, 2022

FIRST NAME M.I. LAST NAME

POSITION, SUBJECT TAUGHT GRADE LEVEL

SCHOOL NAME

SCHOOL MAILING ADDRESS

CITY & STATE ZIP CODE

SCHOOL PHONE NUMBER HOME PHONE NUMBER  
 ( ) ( )

**Registration confirmations and login details are sent via e-mail**

E-MAIL ADDRESS (REQUIRED FOR EACH REGISTRANT)

HOME MAILING ADDRESS

CITY & STATE ZIP CODE

**PRIORITY ID CODE: ENM93F1**

## METHOD OF PAYMENT

**Payment is due prior to the program.** No cash please.

One day only, **\$289**; both days, **\$489**;  
**\$469** per person for groups of three or more registering  
 at the same time for both days.

- ☐ A check (payable to **Bureau of Education & Research**) is attached  
☐ A purchase order is attached, P.O. # \_\_\_\_\_  
 (Be sure to include priority ID code on the P.O.)  
☐ Charge my: ☐ MasterCard ☐ VISA ☐ Discover

Account # \_\_\_\_\_ Exp. Date: \_\_\_\_\_ MO/YR

Billing Zip Code: \_\_\_\_\_ 3 Digit CVV Code: \_\_\_\_\_  
 (Found on back of card)

Please print name as it appears on card

## Earn One to Four Graduate Semester Credits



University of  
Massachusetts  
Global A nonprofit  
affiliate

Up to four graduate level professional development credits are available with an additional fee and completion of follow up practicum activities.

Details for direct enrollment with University of Massachusetts Global, will be available at this program.

## Meet Inservice Requirements / Earn State CEUs

Participants can receive a certificate of participation that may be used to verify continuing education hours. In addition, state CEUs are available. For details, visit [www.ber.org/ceus](http://www.ber.org/ceus)

## Registration Fee

The fee for the first or second day registration only is \$289 per person. If a person registers for both days, the registration fee is discounted to \$489 per person; \$469 per person for groups of three or more registering at the same time for both days. Registration fees are **due prior to the program**. No cash please.

Fee includes conference registration, a certificate of daily attendance and an extensive digital resource handbook with materials for all sessions – even those you don't attend.

## FIVE EASY WAYS TO REGISTER



**REGISTER ONLINE at:**  
[www.ber.org](http://www.ber.org)



**EMAIL this form to:**  
[register@ber.org](mailto:register@ber.org)



**PHONE toll-free:**  
**1-800-735-3503**  
 (Weekdays 5:30 am - 5:00 pm Pacific Time)



**FAX this form to:**  
**1-425-453-1134**



**MAIL this form to:**  
**Bureau of Education & Research**  
 915 118th Avenue SE • PO Box 96068  
 Bellevue, WA 98009-9668

## Session Preferences: Session Numbers Required

### DAY 1

☐ One Full Morning Session: A-1

– OR –

☐ Two 70-Minute Morning Sessions

A- \_\_\_\_\_ – and – A- \_\_\_\_\_  
 (A-2 or A-3) (A-4 or A-5)

☐ One Full Afternoon Session: B-1

– OR –

☐ Two 70-Minute Afternoon Sessions

B- \_\_\_\_\_ – and – B- \_\_\_\_\_  
 (B-2 or B-3) (B-4 or B-5)

### DAY 2

☐ One Full Morning Session: C-1

– OR –

☐ Two 75-Minute Morning Sessions

C- \_\_\_\_\_ – and – C- \_\_\_\_\_  
 (C-2 or C-3) (C-4 or C-5)

☐ Two 75-Minute Afternoon Sessions

D- \_\_\_\_\_ (D-1, D-2 or D-3)

– AND –

D- \_\_\_\_\_ (D-4, D-5 or D-6)

## Cancellation/Substitutions:

100% of your paid registration fee will be refunded if you can't attend and notify us at least 10 days before the conference. Late cancellations made prior to the conference date will be refunded less a \$15 service fee. Substitutions may be made at any time without charge.

## Program Guarantee

We stand behind the high quality of our programs by providing the following unconditional guarantee: If you are not satisfied with this program, we'll give you a 100% refund of your registration fee.





**BER**  
BUREAU OF EDUCATION & RESEARCH  
915 118th Avenue SE  
PO Box 96068  
Bellevue, WA 98009-9668  
[www.ber.org](http://www.ber.org)

Prsrt Std  
U.S. Postage  
**PAID**  
Bureau of  
Education &  
Research

## Maximizing GUIDED MATH Success in Your Classroom! (December 2022)

- **Outstanding Live Online GUIDED MATH Conference**
- **21 Strategy-Packed Sessions From Which to Choose**
- **Receive an Extensive Digital Resource Handbook**

NM93F1



**Choose from 21 Strategy-Packed Conference Sessions**

**December 5 and 6**

**Start Time: 9 AM Eastern**

(8 AM Central, 7 AM Mountain, 6 AM Pacific)

CEUs and Graduate Credits Available  
See page 7 for details



**A Unique Two-Day Live Online Conference**  
**Maximizing GUIDED MATH  
Success in Your Classroom!**



BUREAU OF EDUCATION & RESEARCH