Day One

Keynote • 8:30 - 9:05 am

“Growth Mindset: Becoming the Math Teacher You Wish You Had”
– Ryan Doetch

Many teachers describe mathematics as playful, beautiful, creative, and captivating, while many students describe math class as boring, stressful and humiliating. Join Ryan Doetch, a Presidential Awardee Teacher, for an inspiring, upbeat, motivating opening presentation. Explore a powerful five-minute activity you easily start any math class with that engages your entire class and positively alters their confidence, experience and success by developing a growth mindset.

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

A-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!

70–Minute Sessions • 9:15 – 10:25 am

CHOOSE ONE: A-2 or A-3

A-2: 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.

A-3: Defeating the “I’m done!” Dilemma in Your Guided Math Classroom!
– Deborah Allen Wirth
“I’m done!” Has this phrase ever been shouted at 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!

70–Minute Sessions • 10:40 – 11:50 am

CHOOSE ONE: A-4 or A-5

A-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.

A-5: 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.

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

… “Outstanding! I can use everything tomorrow.” …
Can’t Attend? Online Professional Development Option:

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

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: 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 of 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
1:05 – 2:15 pm

CHOOSE ONE: B-2 or B-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!

B-3: 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 and walk away with highly effective resources to use with your students during Guided Math.

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: Cracking the Code to Fractions: How to “Uncomplicate” Fractions to Ensure Student Success – Ryan Doetch
Discover innovative ways to reinforce and strengthen fractions in Guided Math with a wealth of activities and strategies that will entice and motivate your students … Receive detailed, across the curriculum fraction lesson plans and activities to help your students develop a deep and rich understanding of fractions.

Who is BER?
The Bureau of Education & Research is North America’s leading presenter of seminar 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/onlinelearning
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: 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
8:30 – 9:45 am

CHOOSE ONE: C-2 or C-3

C-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 mathematics. Barbara 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-3: 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!

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

CHOOSE ONE: C-4 or C-5

C-4: Help All Your Students Make Sense of Fractions in Guided Math (Grades 3-6) – Barb Blanke
Come experience what the conceptual understanding of equivalence, addition, subtraction, multiplication, and division of fractions looks and feels like! Using pattern blocks as a model you will leave with a deeper understanding and will take these ready-to-use Guided Math activities back to share with ALL of your students! Ah-ha’s are guaranteed!

C-5: 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.

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

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.

“I am excited to get back to class to try these new ideas.”

“I learned many ways to enrich my Guided Math centers.”
Day Two

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: 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.

D‑3: 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!

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: 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.

D‑6: 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 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.

Conference Locations & Hotel Accommodations

Northern Virginia
One of the most history rich regions in the US, enjoy learning about the Colonial and Civil War eras. Including locations such as Mount Vernon and the Arlington National Cemetery.
Conference Location and Overnight Accommodations:
Holiday Inn – Arlington
(703) 243-9800
Mention you are attending this BER conference prior to May 25, 2019 to receive the special rate of $239 (Single/Double), rates subject to availability.

Kansas City
Known for great barbeque and jazz heritage. Explore top rated art, steamboat or World War I museums.
Conference Location and Overnight Accommodations:
Stoney Creek Hotel – Independence
(816) 908-9600
Mention you are attending this BER conference prior to May 26, 2019 to receive the special rate of $99 (Single/Double), rates subject to availability. Group ID: 134869.

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