

GUIDED MATH: Proven Strategies to More Effectively Differentiate Math Instruction Using Small Groups and Math Learning Centers (Grades 3-6)



A Unique One-Day Live Online Seminar Presented by

Ann Elise Record

Award-Winning Teacher, Math Specialist,
Author, and Presenter

Specifically Designed for Classroom Teachers, Title I Staff,
Special Education Staff, Math Specialists and Other Educators
Teaching Math in Grades 3-6

Practical, classroom-tested strategies to strengthen your guided math program and increase students' retention and understanding of key mathematical skills and concepts

Innovative, hands-on, differentiated small group activities and games to better meet the diverse needs of your students and increase their understanding and proficiency in math

Powerful assessment strategies to use within your guided math groups to strengthen all your students' math conceptual understandings

Easy-to-implement math learning workstation ideas that reinforce students' skills while you work with guided math groups

LIVE ONLINE SEMINARS

January 5

9 AM Eastern, 8 AM Central,
7 AM Mountain, 6 AM Pacific

January 11

9 AM Central, 8 AM Mountain,
7 AM Pacific, 10 AM Eastern

CEUs and Graduate Credit Available
See page 6 for details

CAN'T ATTEND?

Order the recorded version
and take the seminar online at
your convenience (see page 6)

*"Ann Elise gave us
so many incredible
activities and resources."*

— JESSICA POLIKOFF, MATH SPECIALIST

Ten Key Benefits of Attending

'Thanks to Ann Elise, I learned many new strategies to take back to my classroom.'

– MARYANN HOFFMANN,
TEACHER



Who Should Attend

Classroom Teachers,
Title I Staff, Special
Education Staff, Math
Specialists and Other
Educators Teaching Math
in Grades 3-6

- 1. Strengthen Your Math Instruction Using Powerful, Guided Math Strategies**
Discover classroom-proven strategies to strengthen Guided Math in your grades 3-6 classroom ... Instructional techniques for creating an engaging math classroom, organizing tips and establishing and maintaining independent math routines
- 2. Learn Practical, Research-Based Math Strategies to Enhance Student Achievement in Mathematics for All Students**
Discover meaningful, student-centered instructional strategies and ideas to effectively differentiate math instruction in ways that build your students' conceptual understanding of math concepts
- 3. Explore the Power of Small Group Guided Math Instruction**
See how guided math groups can more effectively differentiate your instruction for your diverse learners, while molding confident and competent critical thinkers
- 4. Use Differentiated Math Center Activities to Practice, Reinforce, and Extend Basic Math Conceptual Understandings**
Discover innovative, timesaving ways to meet the diverse needs of your students by providing workstation activities, particularly for fluency and word problem types, in the zone of proximal development of the students ... Effective ways to provide practice and extension activities for each student
- 5. Increase Student Success Solving Word Problems with Differentiated Instructional Strategies**
Learn about the hierarchy of word problem types involving all four operations as well as multi-step problems ... Additionally, you are provided with an assessment that will allow you to hone in on exactly where each student needs to begin working
- 6. Facilitate Powerful "Math Talk" in Your Classroom**
Discover highly effective daily routines and instructional strategies for engaging students in explaining the strategies used to solve problems ... How to question, probe and justify their thoughts in a safe, encouraging classroom environment
- 7. Unlock the Power of Growth Mindset in Your Classroom**
Numerous, practical strategies to enhance student math performance through a growth mindset ... Learn proven ways to increase students' motivation, effort and self-efficacy
- 8. Utilize a Variety of Formative Assessments to Better Know Your Students Mathematically**
Explore innovative, easy-to-implement formative assessments that enable you to know where your students are on their learning journeys particularly with math fact fluency and word problem types so that you can plan your instructional response to meet them exactly where they are
- 9. Strengthen the Confidence of Students Who Struggle and Dislike Math**
Leave with valuable strategies that help struggling students redefine what it means to be good at math ... Learn practical ways to help your students persist, persevere, learn from mistakes, and embrace challenges
- 10. Receive an Extensive Math Digital Resource Handbook**
Each participant will receive a valuable digital resource handbook containing ready-to-use activities and assessments, techniques, materials, and resources geared for grades 3-6 that can be immediately implemented

Outstanding Strategies You Can Use Immediately

What You Will Learn ...

- **Classroom-proven strategies** to more effectively organize, implement and manage guided math groups and math workstations
- **How to more effectively organize** your valuable math instructional time
- **Proven strategies** to build number sense and computational fluency through the use of cooperative math activities
- **Motivating activities** that encourage math discussion in your classroom and allow students to share their reasoning and critique the reasoning of others
- **Proven assessments** that will help you focus on exactly where each student needs to begin working on his/her progression of math fact mastery with all 4 operations
- **Proven strategies** that easily allow for differentiation of math instruction within small group settings
- **How to access data files** that will allow you to easily analyze the needs of your students individually and as a whole class
- **Engaging strategies** to increase student motivation, effort and self-efficacy through a growth mindset to enhance student achievement
- **Classroom-tested daily routines** that encourage rigorous mathematical thought and flexibility of thinking from all learners
- **Realistic ways** to modify and differentiate your math workstations to maximize the learning of all your students
- **Classroom proven activities** that generate active participation and promote problem-solving strategies and basic skills practice
- **Ways to more effectively assess and evaluate** your learning workstations to make meaningful instructional decisions
- **Exemplary activities** that each student can engage with while developing their number sense
- **Powerful instructional strategies** that encourage students' development of strategic thinking



"Ann Elise is very knowledgeable in math. Her research and hard work are very evident in her innovative strategies."

– KERRY GARDNER, 3RD GRADE TEACHER

Practical Ideas and Strategies

Meeting the individual math needs of all your students can be a daunting task when it seems like the spectrum of abilities in our classrooms just keeps getting wider. How do we discover the specific needs of our students and then differentiate math instruction to assure we are providing the most appropriate support that each of our students deserve? How can we create a classroom environment that assures ALL of our students will develop a joy-filled, positive relationship with math as they continue on their math journeys? If you are looking for practical answers to these questions, this is a seminar you won't want to miss.

In this highly engaging seminar, award winning math teacher **Ann Elise Record** will share a wealth of practical classroom-proven ideas and resources to assist you in maximizing the power of guided math in your classroom to ensure your students develop a positive disposition towards math as well as deepen their understanding of key math concepts. You'll leave this seminar with a wealth of proven strategies you'll be able to use immediately to more effectively differentiate math instruction.



A Message From Seminar Leader, Ann Elise Record



Uniquely Qualified Instructor

ANN ELISE RECORD is an enthusiastic, engaging, and knowledgeable presenter who is passionate about creating positive math experiences for ALL learners. Experienced as an elementary classroom teacher, math specialist, and math consultant, Ann Elise has worked extensively with students, teachers, interventionists, special educators, pre-service teachers, and parents. She is a vibrant presenter whose excitement for teaching mathematics is contagious! Ann Elise is the author *GUIDED MATH: Proven Strategies to More Effectively Differentiate Math Instruction Using Small Groups and Math Learning Centers (Grades 3-6)*, the extensive digital resource handbook each participant will receive at the seminar. Ann Elise's seminars are extremely practical and filled with research-based activities and assessments you can implement immediately to create more confident, positive and competent young mathematicians.

Dear Colleague:

Over the course of my own math journey as an elementary teacher, math specialist, and math consultant, there is one quotation that resonates with me the most: "There is nothing elementary about teaching elementary math." Indeed, the concepts explored in K-5 set the foundation for all future math learning and require special expertise on how to assist children as they develop number sense rather than just being calculators. Fulfilling the expectation of differentiating our instruction to provide each student exactly what they need given the incredibly diverse needs of our students amidst all the other demands that are placed on us in our classrooms these days is daunting to say the least. In my own classroom, I felt that my whole group lessons were only meeting the needs of one third of my students. Once I transformed my classroom into a guided math structure, I finally felt that I was able to meet the needs of ALL my students. The guided math classroom provides a framework for assisting all our students in becoming engaged, curious, flexible, risk-taking, and confident mathematicians.

But where do we begin? How can we best structure our math block? How do we ensure the students who are not in a group with me are engaged? How do we know what each student needs to work on? I have developed this seminar to share with you the best, research-based resources and ideas of how to maximize a guided math structure and to provide differentiated scaffolds and supports to meet your students exactly where they are on their learning trajectories from basic facts to word problem types.

All of the resources and assessments I will share with you have been successfully implemented in the schools where I consult. They are practical applications of what research tells us are the best ways for students to learn mathematics. I look forward to spending the day with you and sharing a wealth of ideas that will transform your classroom!

Sincerely,

Ann Elise Record

P.S. You will leave this seminar inspired, enthusiastic and prepared to implement guided math groups in your classroom. In addition, you will leave with an extensive digital handbook with many assessments, activities and routines that are **the most powerful ways to differentiate your math instruction.**

"I have developed this seminar to share with you the best, research-based resources and ideas on how to maximize a guided math structure."

What Your Colleagues Say About Ann Elise Record

*"I have been in education for 15 years and **Ann Elise presented the most effective and relevant seminar I've ever attended.** I would highly recommend any educator to attend."*

Kelly Crocco, Math Specialist

*"**Ann Elise presented a wonderful seminar!** I can use many of the activities in the classroom tomorrow. I can't wait to implement many of the strategies and new games. So many ways to make math fun!"*

Jill Sheldon, Teacher

*"Excellent seminar! Well planned and executed. I am leaving with a wealth of knowledge and resources. **I would love to attend more seminars by Ann Elise.**"*

Jillian Morse, 3rd Grade Teacher

*"This seminar was **WONDERFUL!** **Ann Elise gave us a wealth of information and free interactive tools** to use."*

Jamie Williams, 4th/5th Grade Math Teacher



About BER Seminars

Outstanding Instructors

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

Extensive Digital 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 instructor, and share ideas with 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.

Special Benefits of Attending



"Ann Elise shared so many great ideas that can be easily applied immediately in our classrooms."

MARIAH RIZAS,
INTERVENTIONIST

On-Site Training

Most BER seminars can be brought to your school or district in-person or online. See the options at www.ber.org/onsite or call 877-857-8964 to speak to one of our On-Site Training Consultants.

Extensive Digital Resource Handbook

Each participant will receive an extensive digital resource handbook giving you access to countless strategies. The handbook includes:

- Activities that generate active participation and promote problem-solving strategies and basic skills practice
- Highly practical, innovative ideas for differentiated workstation activities and games that provide rigorous, standards-based purposeful practice
- Practical ideas for implementing guided math groups in your own classroom
- Dozens of energizers and daily routines to begin your math block engaging students right away using reasoning and strategies that will provide a foundation of their conceptual understanding
- Research-based assessments that will allow you to zoom in on exactly where your students need to begin working to develop their mastery of math facts and word problem types

Share Ideas with Other Educators

This seminar provides a wonderful opportunity for participants to share ideas with other educators interested in increasing the behavior and learning of their students.

Consultation Available

Ann Elise Record will be available to answer your specific questions and the unique needs of your own program.

Meet Inservice Requirements / Earn State CEUs

Participants of Live Online Seminars and those completing the Recorded Version online can receive a certificate of participation that may be used to verify five continuing education hours. For details about state CEUs available, visit www.ber.org/ceus

Earn One to Four Graduate Semester Credits



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affiliate

Up to four graduate level professional development credits are available with an additional fee and completion of follow up practicum activities. Details may be found at www.ber.org/credit

Can't Attend?

Other Professional Development Options:



Recorded Version of the Seminar

Order the recorded version of this seminar to take online at your convenience. You'll have access to the entire course and to the extensive digital resource handbook. To enroll, see registration form on page 7, and for optional CEUs and graduate credit, please visit www.ber.org/credit



Related On-Demand Online Courses

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

GUIDED MATH: Proven Strategies to More Effectively Differentiate Math Instruction Using Small Groups and Math Learning Centers (Grades 3-6)

Registration (MU83W1)

- 1. January 5, 2023** (Start time: 9 AM Eastern)
 2. January 11, 2023 (Start time: 9 AM Central)
 —or—
 3. I'd like to order the recorded version of this seminar

FIRST NAME	M.I.	LAST NAME
POSITION, SUBJECT TAUGHT		GRADE LEVEL
SEMINAR LOCATION NUMBER: _____ (Please see list above)		

List additional registrants on a copy of this form

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

IMPORTANT – PRIORITY ID CODE: EMU83W1

METHOD OF PAYMENT – Team Discount Available

The registration fee is \$279 per person;
 for teams of three or more registering at the same time, the fee is \$259
 per person. **Payment is due prior to the program.** No cash, please.

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- MAIL this form to:** **Bureau of Education & Research**
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Program Hours

All **Live Online Seminars** are scheduled 9:00 AM – 3:30 PM in the time zone indicated. Check in 15 minutes prior. Registrants will be sent login information by email four days before their Live Online Seminar.

Fee

The registration fee is \$279 per person, \$259 per person for groups of three or more registering at the same time. Call us at 1-800-735-3503 for groups of ten or more. **Payment is due prior to the program.**

Fee includes seminar registration, a certificate of participation and an extensive digital resource handbook. The fee is the same for Live Online Seminars or Recorded Seminars.

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 seminar. Late cancellations made prior to the event date will be refunded less a \$15 service fee. Substitutions may be made at any time without charge.

Further Questions

Call the Bureau of Education & Research (800) 735-3503 or visit us online at www.ber.org

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.



MU83W1

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GUIDED MATH: Proven Strategies to More Effectively Differentiate Math Instruction Using Small Groups and Math Learning Centers (Grades 3-6)

Using Guided Math to Strengthen Your Students' Math Proficiency (Grades 3-6)



An outstanding one-day Live Online Seminar

Includes an extensive digital Resource Handbook

**Can't Attend Live? Order the Recorded Version
to access online at your convenience**

MU83W1



GUIDED MATH: Proven Strategies to More Effectively Differentiate Math Instruction Using Small Groups and Math Learning Centers (Grades 3-6)

**Live Online Seminar
or Recorded Version**



**A Unique One-Day Live Online Seminar
(Also available as a Recorded Online Version
to Use at Your Convenience)**

Presented by

Ann Elise Record

**Award-Winning Teacher, Math Specialist,
Author, and Presenter**

Practical, classroom-tested strategies to strengthen your guided math program and increase students' retention and understanding of key mathematical skills and concepts

Innovative, hands-on, differentiated small group activities and games to better meet the diverse needs of your students and increase their understanding and proficiency in math

Powerful assessment strategies to use within your guided math groups to strengthen all your students' math conceptual understandings

Easy-to-implement math learning workstation ideas that reinforce students' skills while you work with guided math groups