

Develop Growth Mindset in MATHEMATICS to Increase Students' Perseverance, Engagement and Success in Your Math Classroom (Grades 6-12)



A Unique One-Day Live Online Seminar Presented by

Beatrice Moore

Outstanding Secondary Math Coach,
Teacher and National Presenter

Specifically Designed for Educators Teaching Math in Grades 6-12:
Classroom Teachers, Math Specialists, Math Coaches, Special Education
Staff, Math Curriculum Leaders, and Administrators

The best, most current classroom-proven strategies to increase students' interest and engagement in math

Empower grades 6-12 students to adopt a positive Growth Mindset in math

Discover firsthand the powerful connection between your students' struggles and their path to developing perseverance and sense-making in mathematics

Receive an extensive Growth Mindset digital handbook, filled with practical ideas, strategies and activities designed specifically to support busy educators and their students

LIVE ONLINE SEMINARS

April 14

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

April 19

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

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)

*"Outstanding seminar! The
best and most
useful information I've
received in years!"*

- TARA ALLEN, TEACHER

Ten Key Benefits of Attending

"After 20 plus years of teaching and learning I always appreciate a seminar that gives me new, innovative ideas. I look forward to trying many of the strategies Bea shared today."

– JUDY ZITZKA, TEACHER



Who Should Attend

Educators teaching math in grades 6–12: Classroom Teachers, Math Specialists, Math Coaches, Special Education Staff, Math Curriculum Leaders and Administrators

1. **What Every Grades 6-12 Educator Should Know About Increasing Students' Perseverance, Engagement and Success in Math**

Why is it that of all the STEM subjects, mathematics teachers struggle the most with authentic student interest? ... Learn how to change this trend and help your students shift from a fixed mindset of frustration to a Growth Mindset of success whether you're teaching in-classroom or online

2. **Help Your Students See Value and Relevance in Growth Mindset**

Develop students' appreciation of how perseverance, logical reasoning and mathematics concepts and skills are applicable in the world of work

3. **Capitalize on Mistakes and Questions to Unlock Student Potential**

Discover how master math teachers capitalize on mistakes and questions ... Practical ways you can harness these areas in your practice to increase students' perseverance, engagement and success

4. **Foster Student Inquiry and Risk Taking**

Infuse powerful techniques in your program to promote the sharing and exploration of different viewpoints and solution strategies ... Increase students' self-esteem and self-confidence in their mathematical capabilities

5. **Increase Perseverance in Your Math Students**

Learn effective strategies, techniques and ideas to help students actively develop greater perseverance ... Empower students to approach difficult problems with increased confidence, flexibility and grit

6. **Improve Student Retention of Key Mathematical Concepts**

Receive a wealth of activities, approaches and strategies designed to help your students make significant gains in their math skill development

7. **Help Your Students Make Maximal Gains from Productive Struggle**

Discover a wealth of strategies designed to engage your students in productive struggle and help them to reframe struggle as beneficial ... Help students to use mistakes as learning opportunities and to use resources rather than overly relying on you

8. **Increase Your Students' Engagement and Responsibility**

Leverage Growth Mindset to increase engagement ... Equip your students with powerful strategies to take more responsibility for their learning

9. **Maximize Your Students' Independent Learning**

Discover highly effective ways to promote student reflection, revision of thinking and justification of strategies and solutions ... Create optimal conditions for students to get the most from assessment, intervention and feedback

10. **Receive an Extensive Growth Mindset Digital Resource Handbook**

You will receive a digital resource handbook filled with strategies, techniques and activities specially designed to increase your students' persistence, engagement and success in math

Outstanding Strategies You Can Use Immediately

What You Will Learn ...

- **Practical strategies to make a dramatic difference** for your students who lack confidence in their ability to do math
- Teach students **strategies to persevere** and solve difficult problems presented to them
- How to **help your students overcome a fixed mindset and develop a Growth Mindset** in mathematics
- Practical techniques and ideas that will **boost your students' ability to become self-reliant** and consistently use resources available to them
- Many **motivating ways to incorporate "fun"** into computation and problem-solving lessons
- Ways to **use Growth Mindset principles to narrow the achievement gap** in mathematics
- **Strengthen mathematical reasoning skills** in both abstract and concrete situations, as in deductive and inductive reasoning
- Effective **strategies to ensure that learning is "deep"** and goes beyond the simple ability to regurgitate information or to explain concepts at a surface level
- Work smarter, not harder – classroom-proven techniques that **strengthen knowledge acquisition, comprehension and understanding** in your math program
- Implications of the latest pedagogical research – innovative, practical strategies to **accelerate knowledge acquisition of your math students**
- Ideas for using multiple assessment options to **promote thoughtful reflection and revision of thinking**
- Ways to **create engaging, authentic learning situations** that enhance collaborative learning, social interaction and students' willingness to persist with difficult problems
- Practical tips to **maximize the time devoted to math instruction and learning**
- How to optimize your classroom culture to **promote a Growth Mindset** in your students



*"I have been in education for over 20 years.
Bea was one of the best presenters I've ever seen!"*

– MATT MURPHY, ADMIN. DIRECTOR OF MATH

Practical Ideas and Strategies

Are you frustrated with the fixed mindset of your grades 6-12 math students, which has built a barrier between their success and failure? Are your students actively engaged with and involved in pursuing mathematical problem-solving situations with persistence or frustration? Do your students consistently value and use the available resources in independent learning situations?

Join outstanding math teacher and national presenter **BEATRICE MOORE** for a day filled with practical strategies and solutions you can use immediately to address these persistent challenges we face as math educators. Help your grades 6-12 students drop a fixed mindset and adopt a Growth Mindset. Enable your students to experience success through productive struggle.

You will leave this seminar with a wealth of ideas for ensuring a math learning environment where accountability and responsibility for learning is truly shared between the teacher and the students – creating a true community of learners! Expand your toolkit of effective strategies designed to help your students meet high expectations in mathematics.



A Message From Seminar Leader, Beatrice Moore



Uniquely Qualified Instructor

A highly-sought after national presenter, **BEATRICE MOORE** is a past board member of the National Council of Teachers of Mathematics (NCTM) and author of several math textbooks. In her work with the College Board, she provided academic programs for underrepresented and struggling math students. As a mathematics coach, she works directly with teachers and students to design and provide interventions for students who struggle with self-esteem and confidence in mathematics, lack organizational skills and have difficulty with independent learning experiences. She is also the author of *Develop Growth Mindset in Mathematics to Increase Students' Perseverance, Engagement and Success in Your Math Classroom (Grades 6-12)*, the extensive digital resource handbook each participant will receive at the seminar.

Join Beatrice for a fast-paced, thought provoking, highly practical day filled with the best, most current strategies, tips and tools you can use immediately to improve the mathematical learning of your grades 6-12 students by developing Growth Mindset. You will leave feeling confident, inspired and equipped to increase your students' perseverance, engagement and success in math.

Dear Colleague:

Do you want to create experiences where students confront problem solving situations and attempt to solve them without overly relying on you? Do you want to create anticipation and a feeling of suspense where students reflect and think before they begin attacking a problem? Is it important to you that your students value and respect how classmates solve the same problem in different ways? Do your students have a rich context for the problem at hand, and are they genuinely curious about its solution?

Just like you, I have personally faced these same dilemmas of how to build interest, productive struggle and ultimately foster positive Growth Mindset in my students' daily educational experiences. Additionally, I understand the challenges of time management of busy mathematics educators and the challenges of organizing instruction to ensure ample time for students to puzzle, reason and build perseverance.

I have specifically designed this seminar to help you promote a Growth Mindset in your students, while also building their conceptual understanding and love of mathematics. I want to share with you the best ideas from my many years as a secondary mathematics teacher and coach. During this fast-paced seminar, you will be engaged in hands-on activities and experiences that you can immediately take back and implement the very next day. Specific math strategies, activities and resources will be shared and demonstrated.

Please join me as I share outstanding ways to implement Growth Mindset principles in order to maximize student learning, accountability and responsibility in your grades 6-12 mathematics program.

Sincerely,

Beatrice Moore

P.S. With practice, students become more comfortable with enduring the tension of productive struggle and working through it. **Eventually, your students will experience the incredible personal satisfaction of solving a challenging problem and so will you!**

"I have specifically designed this seminar to help you promote a Growth Mindset in your students, while also building their conceptual understanding and love of mathematics."

What Your Colleagues Say About Beatrice Moore

*"Bea provided a lot of **useful information and tangible ways to implement Growth Mindset strategies** into my classroom."*

– Susan Smalter, Math Teacher

*"Beatrice is a great presenter. Because she is a math teacher, she presents examples we can use in our math classrooms. I now have **concrete strategies that I can use to help my students develop a Growth Mindset** in relation to math."*

– Emily Maslyn, Math Teacher

*"**This is the best PD I've been to.** I am leaving with so many new strategies that will make me a better math educator and help my students. I'm so excited!"*

– Heather McDougall, 7th Grade Math Teacher

*"**Great presenter. Bea was engaging,** and kept us talking and always thinking about how we can take and adapt Growth Mindset Strategies for the specific needs of our classrooms."*

– Amy Sullivan, High School Math Teacher



*"**Very relevant to what we do every day.** Bea was very engaging and gave effective strategies that can be used tomorrow. Very practical applications!"*

– D. Cusack, Math Teacher

*"**I loved this seminar – very informative** with many new ideas to try. Thank you!"*

– Kelli O'Connell, Middle School Math Teacher

*"I loved the injection of activities during the day. That, along with the energy and enthusiasm of Beatrice, made the seminar lively, productive and well-intentioned. **I am leaving today, armed with a host of ideas** to take back to my classroom to implement immediately."*

– Maria Found, AP Calculus Teacher

*"Bea was attentive to questions and explained strategies thoroughly. **I appreciate the digital and print copies** of forms, handouts, etc. that she shared with us."*

– Michael Lovering, 6th Grade Math Teacher

Special Benefits of Attending



"I've read so much about Growth Mindset but this seminar gave me concrete ideas to incorporate in my classroom. I can't wait to bring all of these ideas back to my classroom. Fantastic seminar!"

— MAURA CZACHOR,
MATH TEACHER

On-Site Training

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

Extensive Growth Mindset in MATH Digital Resource Handbook

You will receive an extensive Growth Mindset digital resource handbook specifically designed for this seminar. The handbook includes:

- Use-tomorrow strategies that promote authentic student engagement, reflection, decision making, and justification in collaborative problem-solving experiences
- Ideas to support student success with problem solving so that productive struggle becomes an empowering learning experience
- Practical, student-centered lessons that incorporate Growth Mindset strategies
- Easy-to-use ideas for assessment, intervention and feedback to help you maximize your effectiveness and efficiency
- Goal setting techniques that promote a positive Growth Mindset and increase student responsibility and accountability for their own learning
- Classroom-ready notetaking strategies to support your students' independent thinking

Meet and Share

This seminar provides a wonderful opportunity for participants to meet and share ideas with other educators interested in developing a Growth Mindset in their grades 6-12 math students.

Consultation Available

Beatrice Moore will be available at the seminar for consultation regarding your questions and the unique needs of your own math 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



University of
Massachusetts
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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

Two related On Demand Video-Based Online Learning courses, *Help Your Students Who Struggle with Mathematics: Practical, Successful Strategies*, for Grades 6-12, and *Strategies for Promoting a GROWTH MINDSET to Increase Students' Perseverance, Engagement and Success in Your MATH Classroom*, for Grades 6-12, are available for immediate registration. To enroll, visit www.ber.org/online

Develop Growth Mindset in MATHEMATICS to Increase Students' Perseverance, Engagement and Success in Your Math Classroom (Grades 6-12)

Registration (MLZ3S1)

1. **April 14, 2023** (Start time: 9 AM Central)
 2. **April 19, 2023** (Start time: 9 AM Eastern)
 —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: EMLZ3S1

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.

- A check (payable to **Bureau of Education & Research**) is attached
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FIVE EASY WAYS TO REGISTER:

-  **REGISTER ONLINE** at: www.ber.org
-  **EMAIL** this form to: 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**
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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

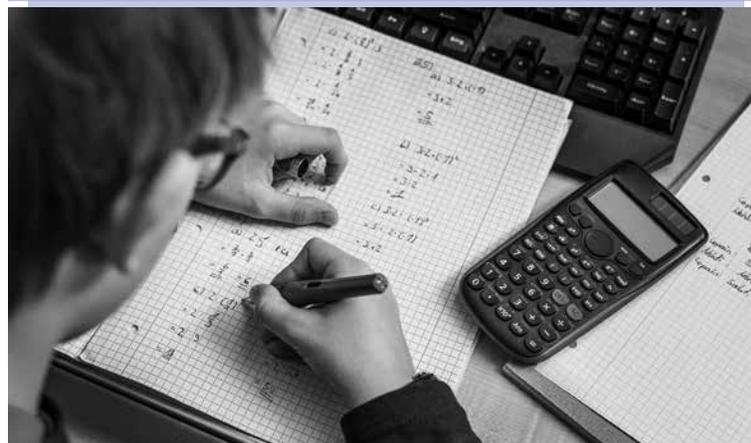
100% of your paid registration fee will be refunded if you can't attend and notify us at least 10 days before the conference. Late cancellations made prior to the event date will be refunded less a \$15 service fee. Substitutions may be made at any time without charge.

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.

Further Questions

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



MLZ3S1

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Includes an extensive digital Resource Handbook

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

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Growth Mindset in MATHEMATICS: Increase Students' Perseverance, Engagement and Success (Grades 6-12)

MLZ351

**Develop Growth Mindset
in MATHEMATICS to Increase Students'
Perseverance, Engagement and Success
in Your Math Classroom
(Grades 6-12)**

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Live Online Seminar
or Recorded Version



**A Unique One-Day Live Online Seminar
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Beatrice Moore

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