

BUILD THINKING CLASSROOMS: Increase Your Students' Engagement and Success in MATH (Grades 6-12)



A Unique One-Day Live Online Seminar Presented by

Kate Degner

Outstanding Secondary Math 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 Thinking Classroom techniques and tasks to enhance your current grades 6-12 math program

Key steps and classroom-tested strategies to build and enhance highly effective Thinking Classrooms in math

How to make best use of Thinking Classroom strategies to increase students' participation, ownership of their learning, and overall success in mathematics

Useful tips to work smarter, not harder ... You'll receive an **extensive Thinking Classroom digital resource handbook** filled with outstanding ideas, activities, techniques, and materials you can use immediately

LIVE ONLINE SEMINARS

December 10

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

December 14

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)

*A great experience -
thank you, Kate! I
appreciate all the gems
shared with us to build
thinking classrooms,
specifically in math.'*

— NORMA BARRON, MATH TEACHER

Ten Key Benefits of Attending

"Very detailed presentation. Kate provided a ton of resources and encouragement."

– MARK PAPPALARDO,
MATH TEACHER



1. **Strengthen Math Learning with Engaging Thinking Classroom Lessons**

Learn practical ways to create a highly effective and engaging Thinking Classroom – using the math curriculum you already have ... Explore a collection of rich tasks, activities, and strategies to increase students' success with math

2. **Maximize the Success of Your Grades 6-12 Math Students**

Gain dozens of Thinking Classroom ideas designed to strengthen the mathematics skills of all your students ... Learn proven ways to increase students' motivation, effort, and self-efficacy in math

3. **Harness the Power of Meaningful Group Work with a Thinking Classroom**

Learn Thinking Classroom approaches for grouping students and posing questions to encourage more productive group work ... Maximize students' success, develop mathematical discourse skills, and get all your students actively participating

4. **Explore Proven Examples of Exemplary Thinking Classrooms**

How to arrange your classroom, including vertical non-permanent surfaces, to maximize student engagement, participation, and learning ... Proven techniques and examples from exemplary math Thinking Classrooms

5. **Strengthen Students' Confidence in Math Using Rich Thinking Tasks**

Learn how to structure mathematical tasks so students will persist, persevere, learn from mistakes, and embrace challenges

6. **Use Thinking Classroom to Refine Questioning and Unlock Student Potential**

Sharpen your questioning techniques to push your students' thinking and understanding of important mathematical ideas, as they turn around and use questioning techniques to push the understanding of their peers

7. **Empower Students to Become Mathematical Thinkers**

Show students the power of mathematics by encouraging classroom discourse, creative thinking, and embracing challenge ... Empower middle and high school students to see themselves as thinkers and doers of mathematics

8. **Explore a Wealth of Thinking Classroom Activities, Lessons, and Strategies**

Access use-tomorrow rich tasks, mini-lessons, and activities to build your own Thinking Classroom ... Transform your next class period before you leave the seminar

9. **Use Materials You Already Have to Build a Thinking Classroom**

Unlock the Thinking Classroom that already exists in the materials you're already using ... Look for and tweak, for maximum effect, the components already at your fingertips

10. **Receive an Extensive Thinking Classroom Digital Resource Handbook**

You will receive a valuable digital resource handbook packed with ready-to-use tasks, activities, techniques, materials, and resources geared for immediate use to build a Thinking Classroom to increase students' math success in grades 6-12

Who Should Attend

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

Outstanding Strategies You Can Use Immediately

What You Will Learn ...

- **The best, practical ways** to make Thinking Classroom a powerful teaching approach for your diverse learners
- **How to effectively organize your class** from start to finish to build a Thinking Classroom
- **See examples of exemplary Thinking Classrooms**, including the arrangement of the physical environment and the use of vertical workspaces
- **How to select rich tasks** already available in your current math curriculum ... specific, realistic methods to build rich tasks with your textbook
- **Ways to extend each activity** to challenge and meet the needs of all students in your classroom
- **Ways to get all students actively participating** and engaging in the math learning
- **Powerful methods to motivate students** in your Thinking Classroom and encourage mathematical discourse
- **How to boost student engagement** and learning using a Thinking Classroom approach
- **Effective ways to structure group and partner work** to maximize student learning
- **Timesaving tips** for easily incorporating Thinking Classroom strategies into the everyday routine of your math classroom
- **Small changes with big impact** ... Practical ways to create your own highly effective Thinking Classroom
- **Access to dozens of rich tasks**, activities, and mini-lessons to strengthen rigorous mathematical thinking, flexibility, and problem



"I loved learning from Kate - amazing presenter! She was energetic and I appreciated all the detailed information and resources she shared."

– TERESA BURKE, TEACHER

Practical Ideas and Strategies

Have you been interested in building or enhancing a Thinking Classroom? We know when math experiences are engaging and encourage all students to think, the results are great. In this **NEW** seminar by outstanding secondary math teacher **KATE DEGNER**, you'll learn a wealth of outstanding Thinking Classroom ideas and resources, including how to:

- Build or enhance highly effective Thinking Classrooms to maximize student engagement and learning in grades 6-12 math
- Set up workspaces for learning, using non-permanent work surfaces
- Group students and where those groups will work
- Find tasks that are considered "rich" and how to best present these tasks
- Get students doing deep thinking and problem solving in math

In this fast-paced seminar, Kate will share the best ideas and techniques that have proven successful in her teaching and coaching work to build Thinking Classrooms. Kate's collection of rich tasks, activities, strategies, and tools are easy to incorporate in any classroom and with any existing math curriculum. **For practical ways to build a Thinking Classroom to increase math success, this is a seminar you won't want to miss!**



A Message From Seminar Leader, Kate Degner



Uniquely Qualified Instructor

KATE DEGNER is a highly experienced and current secondary mathematics educator. She has served as a grades 6-12 mathematics teacher, instructional coach, teacher mentor, and author. Kate has supported grades 6-12 mathematics teachers as a math coach and math instructional leader. She has authored dozens of articles related to best practices in mathematics education and was named the 2023 Robert Yager Outstanding STEM teacher of the year. Kate is also the author of *BUILD THINKING CLASSROOMS: Increase Your Students' Engagement and Success in MATH (Grades 6-12)*, the extensive digital resource handbook you will receive at the seminar. A frequent presenter at state, regional and national conferences, Kate inspires mathematics educators with innovative, practical strategies and activities that are easy to incorporate and impactful. **Join Kate for a day full of practical ways you can build or enhance your own Thinking Classroom.**

Dear Colleague:

As a fellow secondary mathematics teacher, I've spent years thinking about the best ways to organize my classroom to make it highly engaging and impactful for students. Creating a Thinking Classroom has made a huge difference, and that's why I'm so excited about this seminar!

I can't wait to share the best-of-the-best tips and tricks I've used to successfully build my own Thinking Classroom, plus lessons learned and pitfalls to avoid, saving you valuable time and effort. Since I'm using these strategies every day in my own math classroom, we'll look at what is working for me – and will work for you, too!

We'll explore ways to build a Thinking Classroom that gets all students participating and becoming higher-level mathematical thinkers! Learn how to build a Thinking Classroom where your work is more reasonable, and your students can actively see their own mathematical skills improving. We'll focus on practical and easy-to-incorporate strategies that will engage your students and increase their success in math.

By our morning break, you'll want to race back to your classroom to share these ideas with your own students. I hope you'll join me at the seminar. You'll find the investment of your time will yield big results for your students, while taking some of the burden off your busy shoulders.

I can't wait to help you build or enhance a Thinking Classroom of your own!

Sincerely,

Kate Degner

Kate Degner

P.S. You will leave this seminar re-energized and armed with ready-to-use tools and strategies that will make a tremendous difference for your math students.

"Since I'm using these strategies every day in my own math classroom, we'll look at what is working for me - and will work for you, too!"

What Your Colleagues Say About Kate Degner

*"I **highly recommend this seminar**. Kate was very knowledgeable and she's given me things I can begin using tomorrow in class."*

– Julie Frey, Math Teacher

*"This seminar was **very insightful and I am excited to try out these different methods in my own class**. I'm intrigued with teaching my math students how to face struggles on their own and making this a skill they can regularly use."*

– Michelle Macri, Special Education Math Teacher

*"This was a **great seminar on a topic totally relevant to my practice**. Kate was an effective and engaging presenter and I'm leaving with solid strategies. I would gladly attend another presentation by Kate in the future."*

– Kristianna Clyatt, Math Teacher

*"Extremely helpful and insightful seminar. **Kate provided practical strategies** for increasing student engagement and promoting deeper mathematical thinking."*

– Victoria Rybalskiy, 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 49 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



"Excellent PD. Many things we can take and use tomorrow. Thank you, Kate!"

– TONYA MITCHELL,
INSTRUCTIONAL COACH

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 Thinking Classroom Digital Resource Handbook

You will receive an extensive digital resource handbook specifically designed for this seminar. Included in the handbook are:

- The best, highly practical ways to build or enhance a Thinking Classroom to increase student success in math
- Dozens of rich tasks that engage students in reasoning and strengthen their conceptual understanding
- Practical methods to create rich thinking tasks from your existing math curriculum
- Strategies to increase student involvement, interest, and achievement in math
- Activities that greatly enhance students' active participation, while strengthening problem solving and discourse
- Timesaving tips and instructional principles for building a highly effective Thinking Classroom

Share Ideas

This seminar provides a wonderful opportunity for participants to share ideas with other educators interested in building or enhancing Thinking Classrooms to increase student engagement and success in math.

Consultation Available

Kate Degner will be available 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



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 90-day 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

BUILD THINKING CLASSROOMS:

Increase Your Students' Engagement and Success in MATH

(Grades 6-12)

Registration (MTX7F1)

- ☐ 1. **December 10, 2026** (Start time: 9 AM Central)
- ☐ 2. **December 14, 2026** (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 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: EMTX7F1

METHOD OF PAYMENT – Team Discount Available

The registration fee is \$295 per person;

for teams of three or more registering at the same time, the fee is \$275 per person. **Payment is due prior to the program.** No cash, please.

- ☐ 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.)
- Cards accepted: MasterCard, VISA, Discover, AMEX

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

FIVE EASY WAYS TO REGISTER:

 **SCAN QR code or visit:**
at.ber.org/regMTX



@ **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**
3000 Northup Way • PO Box 96068
Bellevue, WA 98004

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 \$295 per person, \$275 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.

WA residents: visit www.dor.wa.gov/TaxRateLookup to find your required WA sales tax rate.

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.

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**



MTX7F1

© 2026 Bureau of Education & Research. All rights reserved.

BUILD THINKING CLASSROOMS: Increase Your Students' Engagement and Success in MATH (Grades 6-12)



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**

BER
BUREAU OF EDUCATION & RESEARCH
3000 Northup Way
PO Box 96068
Bellevue, WA 98004
www.ber.org

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

BUILD THINKING CLASSROOMS: Increase Students' MATH Success (Grades 6-12)

MTX7F1

BUILD THINKING CLASSROOMS: Increase Your Students' Engagement and Success in MATH (Grades 6-12)

BER
Bureau of Education & Research

**Live Online Seminar or
Recorded Version**



**A Unique One-Day Live Online Seminar
Or Order the Recorded Version to Access Online at Your Convenience**

Presented by

Kate Degner

Outstanding Secondary Math Teacher and National Presenter

**The best Thinking Classroom techniques and tasks to enhance your
current grades 6-12 math program**

**Key steps and classroom-tested strategies to build and enhance
highly effective Thinking Classrooms in math**

**How to make best use of Thinking Classroom strategies to increase
students' participation, ownership of their learning, and overall success
in mathematics**

**Useful tips to work smarter, not harder ... You'll receive an extensive
Thinking Classroom digital resource handbook filled with outstanding
ideas, activities, techniques, and materials you can use immediately**