DIFFERENTIATING MATHEMATICS INSTRUCTION
Practical Activities and Strategies for Diverse Classrooms (Grades 3-8)

Presented by Lee Anne Coester
Outstanding Educator and National Presenter

2013 SCHEDULE

Maryland
Baltimore / May 13
(Hunt Valley)
Contact Hours Verification Available

North Carolina
Raleigh / May 17
NC Contact Hours Available with Prior District Approval

Virginia
Northern Virginia / May 14
(Sterling)
Richmond / May 15
Roanoke / May 16
VA Renewal Points Available

Specifically Designed for Classroom Teachers, Resource Teachers, Title I Staff, Math Specialists, Special Education Staff, and Other Educators Teaching Mathematics in Grades 3-8

- Differentiated instructional strategies designed to reach all types of learners in mathematics – ELL, struggling, advanced, ADHD, and multiple intelligences
- Practical, differentiated mathematics strategies that will strengthen your students’ understanding and retention of mathematics concepts in grades 3-8
- Innovative ideas for organizing and managing a differentiated classroom while teaching mathematics – arranging your classroom, developing management routines and procedures, using manipulatives, and directing student-centered activities
- Effective planning and teaching techniques that scaffold student learning of the Common Core State Standards or your state’s mathematics standards
- An extensive resource handbook filled with free or inexpensive math resources, classroom tips and ready-to-use activities that you can use immediately in your classroom

“Everything Lee Anne presented was exciting and new! Lots of great math ideas to take back to my classroom!”

– STACY HESS, 4TH GRADE TEACHER
Ten Key Benefits of Attending

1. **Reach a Diverse Student Population**
   Learn differentiated instructional strategies for teaching mathematics to “average,” struggling, gifted, ADHD, ESL, and LD students in an inclusive classroom … Discover how seemingly minor changes can enhance learning for all

2. **Effectively Provide Differentiated Instruction in Key Math Concepts**
   Ready-to-use ideas for grades 3-8 that combine hands-on activities, real-life application, and number sense to make strong differentiated lessons … Learn to address the Common Core State Standards or your state math standards while focusing lessons on the narrower concepts and objectives that should direct daily lessons

3. **Plan Engaging Lessons that Incorporate Differentiated Instruction**
   Discover how incorporating specific components make math lessons better for ALL students … Learn to use a simple template that will verify your use of differentiated instruction for administrators and parents

4. **Scaffold Mathematics Learning for Struggling Students**
   Suggestions for engaging activities, flexible grouping, tiering, reteaching, retesting, and effective questioning to support and encourage reluctant or struggling learners … Practical differentiation strategies that will make a difference for your math students and will help you use your time to your best advantage

5. **Make Continuous Assessment an Integral Part of Your Mathematics Instruction**
   Learn various assessment techniques that can be easily incorporated into your teaching … Use on-going assessment to continually remediate before minor misunderstandings become major gaps in knowledge

6. **Address the Various Learning Styles and Multiple Intelligences While Teaching Mathematics**
   Make learning more fun and meaningful to all learners by incorporating student-centered activities in each and every math lesson … Create lessons that lead to success for all your students

7. **Enhance Mathematics Lessons by Incorporating Communication Skills**
   Increase your repertoire of ideas for reading, writing and talking mathematics with powerful and easy-to-use suggestions that will help students perform well on tests and in real life situations … All ideal for students in grades 3-8

8. **Successfully Organize and Manage Your Classroom for Differentiated Mathematics Instruction**
   Receive successful classroom management techniques, routines and procedures that support success in a differentiated classroom and will save you time in the long-term … Discover the classroom management benefits of “engaged” students

9. **Raise Mathematics Assessments Results**
   Focus on number sense and understanding to increase classroom, local or your state’s test score standards … Teach for long-term mathematics learning in ALL students

10. **Receive an Extensive Resource Handbook**
    Leave the seminar with a wealth of ready-to-use blackline masters, resources, ideas, and activities – all ready for immediate use in your grades 3-8 mathematics classroom

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**Practical Ideas and Strategies**

All of us teach mathematics in diverse classrooms – whether our students have learning exceptionalities, behavioral issues, variations in learning styles, or social or cultural differences. We may not be able to develop separate lesson plans for each student, but we are able to be proactive in our planning by differentiating our instructional strategies. Creative classroom management practices and varying assessment techniques can further address the needs of all learners. Math differentiation methods vary greatly, but can be applied to any classroom no matter what your teaching style or situation. First and foremost, we must create situations where all students can learn.

Lee Anne Coester will provide you with the practical strategies, activities and resources you need to differentiate instruction to meet the needs of diverse students in a mathematics classroom. With a reasonable amount of preparation time, these outstanding strategies will maximize learning for all your students in grades 3-8. You’ll leave this seminar with a toolbox of methods for differentiating mathematics instruction, resulting in more successful students and increased test scores.

The emphasis of this seminar will be on helping you, the classroom teacher, resource teacher, Title I teacher, math specialist or curriculum specialist, special education teacher, and other educators in grades 3-8, meet the mathematical needs of ALL students.
Outstanding Strategies
You Can Use Immediately

- Differentiated instructional strategies for adapting lessons for diverse groups of students in the inclusive classroom – struggling, gifted, ADHD, ESL, LD, and multiple intelligences
- Tried-and-true, classroom-proven methods for organizing and managing an activity-based, differentiated classroom
- An easy-to-use template to plan lessons that address all students’ needs and aids in proving to administrators that you are actively incorporating differentiated instruction
- Innovative differentiated lessons and manipulatives to help all students understand fractions, decimals and percents
- Suggestions for scaffolding learning for struggling students with flexible grouping, tiering, student collaboration, and alternative assessment
- Creative and fun ways for helping struggling students finally learn their facts
- Alternative ways to assess diverse student groups such as good questioning techniques, performance assessments, reteaching, and retesting
- Differentiated activities that bring meaning to integer operations and algebra concepts
- Research-based differentiation components for daily lessons to address the Common Core State Standards or your state math standards
- Innovative cross-curricular project suggestions for teaching data, geometry, measurement, and number concepts
- Numerous differentiated activities for teaching those difficult whole number concepts of multi-digit multiplication and long division
- Ready-to-use ideas for developing mathematics instruction to reach your diverse student population with games, activities, manipulatives, and more
- A wide variety of methods for connecting number concepts to the “real world” and helping students become better problem solvers
- Hands-on ways to connect geometry and measurement concepts while incorporating estimation and real-life application
- Resources for anchor and “ragged time” activities, incorporating children’s literature, and addressing specific diverse student issues
- Powerful strategies for strengthening students’ math understanding through all types of communication – reading, writing and speaking
- Appropriate ways to incorporate calculators to enhance students’ number sense and calculation skills
- Easy-to-make, inexpensive manipulatives, games and math centers that you can use tomorrow in your classroom
- Practical, hands-on activities and differentiated strategies that will strengthen your students’ mathematics understanding and retention

“Excellent seminar! I’m leaving with many valuable resources and ideas!”
– JENNY TEAW, 6TH/7TH GRADE MATH TEACHER

To Register,
Call Toll-Free
1-800-735-3503
A Message From Your Seminar Leader, Lee Anne Coester

Dear Colleague:

I am proud to be a teacher and always feel such energy when I spend a day with others who chose teaching as a profession. I understand the demands of standards, which must be met and continually assessed. I also appreciate the challenge of preparing diverse student populations for these assessments in classrooms where there is often not enough support and never enough time.

As teachers, we certainly understand the frustration of these situations, but we also feel the sheer joy that comes from seeing students learn in spite of it all. My goal for this seminar is to help you experience that joy with more and more of your students – no matter what their learning modalities or struggles.

The emphasis of this seminar will be on differentiating instruction as it applies to all areas of mathematics. I will share strategies that have been successful in my own classroom and in the classrooms of others. We’ll focus on methods that take into account the time demands that you face and the Common Core State Standards or your state’s standards to which you are teaching. I will share my experiences and answer your questions. We’ll discuss how to apply these approaches to each of your unique teaching situations. In short, we’ll have fun with math and I’ll provide you with a differentiation toolbox full of ideas to take back to your own classroom.

I look forward to meeting you and sharing the wealth of math differentiation strategies that I have discovered or developed through the years of teaching, reflecting and researching. Let’s bring some fun back into our mathematics classrooms while helping students develop a deep understanding of the concepts of number, geometry, measurement, algebra, and data analysis through differentiated instruction.

Sincerely,

Lee Anne Coester, PhD

P.S. You’ll leave this seminar with lots of differentiation ideas that can be immediately implemented in your own grades 3-8 math program. Hear more students say, “I get it now!”
What Your Colleagues Say About Lee Anne Coester

“Very practical, affordable and sensible ideas! Lee Anne Coester has presented one of the best seminars I have ever attended! I have gained such valuable insight and material that will be utilized in my district immediately in the different grade levels.”

– Jacqueline Zloty, Math Specialist

“Wonderful! Wow! Lee Anne has an incredible wealth of information to make mathematics more concrete and to develop conceptual understanding. I’m leaving with specific activities I will use right away and several others I will be incorporating soon.”

– Cheryl Thomas, 5th Grade Teacher

“Lee Anne gave us so many useful ideas! I think the best thing about this seminar is that it has caused me to think about math in so many different ways.”

– Margie Hoeing, 5th Grade Teacher

“This content was very ‘outside the box’ and fun. My students will love the games and activities that support instruction. I’m excited about teaching math!”

– Jackie Mikkelson, 4th Grade Teacher

“Thank you, Lee Anne, for a wealth of information presented in a fraction of the time it would have taken me to research and find all these wonderful resources and approaches. Your teaching tips and suggested sequences are terrific!”

– Anne Henning, 6th Grade Teacher

“Excellent ideas that are easy to implement in the classroom to make math instruction more effective – and fun!”

– Todd Havard, 7th Grade Math Teacher

“Lee Anne provided so many wonderful ideas and activities that will be sure to reach my math students. I really learned lots of new, practical games and techniques that I can’t wait to use in my classroom.”

– Denise Zuccarino, 7th Grade Math Teacher

“I’m very impressed with Lee Anne’s knowledge, enthusiasm and energy! She was extremely well prepared with content, ideas and humor. Practical ideas were the mainstay of the seminar. The resource handbook is fantastic!”

– Adrienne Shlagbaum, 3rd Grade Teacher

“Lee Anne is fantastic! A wonderful day with a constant flow of new ideas!”

– Maria Sollecito, Special Education Teacher

“Great activities presented with lots of useful information!”

– Tom Torkos, 6th/7th Grade Math Teacher

“I have learned so many new activities and ideas that I can’t wait to use! Thank you, Lee Anne!”

– Laurie Evans, 3rd Grade Teacher

Master Teacher and National Trainer

LEE ANNE COESTER brings a wealth of teaching experience to her seminars. In her 30 years of teaching mathematics, she has been a K-8 remedial math teacher, a classroom math teacher, a middle school math teacher, and a college math methods instructor who has received her college’s Outstanding Education Faculty Award four times. In her own words, “I love teaching math!” Over the years, her passion for mathematics has led her to search for the best, most practical ideas and strategies for helping students learn mathematics successfully. All the ideas she presents have worked for her with her students.

Lee Anne presents staff development workshops across the United States, has served on her state’s Mathematics Advisory Board, has been a trained grader of her state’s math assessments, and has been listed in Who’s Who Among American Educators multiple times. She has written a number of articles for math publications and is the author of DIFFERENTIATING MATHEMATICS INSTRUCTION: Practical Activities and Strategies for Diverse Classrooms (Grades 3-8), the comprehensive resource handbook each participant will receive at the seminar.

Lee Anne is known for keeping her presentations fast-paced, her attendees actively involved and her ideas practical and ready for immediate use.
Special Benefits of Attending

Extensive Resource Handbook
Each participant will receive an extensive resource handbook filled with resources, ideas and activities including:

- Dozens of differentiated strategies for teaching number sense, geometry, measurement, data, and algebra
- Easy-to-make, inexpensive suggestions for manipulatives, games and math centers that you can use tomorrow in your classroom
- Differentiated instructional strategies for adapting lessons for struggling, gifted, ADHD, ESL, and LD students
- Practical, easy-to-incorporate strategies that will strengthen your students’ mathematics number sense and retention
- Tried-and-true, classroom-proven methods for organizing and managing an activity-based, differentiated classroom
- Creative ways to design differentiated lessons centered on all students’ learning modalities, learning styles and multiple intelligences

Meet and Share
This seminar provides a wonderful opportunity for participants to meet and share ideas with other grades 3‑8 mathematics teachers.

Consultation Available
Lee Anne Coester will be available at the seminar for consultation regarding your questions and the unique needs of your own mathematics program.

Semester Credit Option
One graduate level professional development credit is available with an additional fee and completion of a follow-up practicum project. Details for direct enrollment with Brandman University, part of the Chapman University system, will be available at the seminar.

Meet Inservice Requirements
At the end of the program, each attendee will receive a certificate of participation that may be used to verify hours of participation in meeting continuing education requirements.

Can’t Attend?
A related BER seminar, Guided Math: Practical Strategies to Differentiate Your Math Instruction Using Small Group Instruction and Math Learning Centers, presented by another mathematics expert, Barbara Blanke, is available on CDs with a comprehensive resource handbook at a cost of $99.00 plus $9.00 shipping and handling. To order, call toll-free 1-800-735-3503 (Stock #A-MUB-1607) or use the order form on the back page.
Who Should Attend
Classroom Teachers, Resource Teachers, Title I Staff, Math Specialists, Special Education Staff, and Other Educators Teaching Mathematics in Grades 3-8.

Program Hours
All seminars are scheduled 8:30 a.m. - 3:15 p.m.
Check-in 8:00 a.m. - 8:30 a.m.

Fee
The registration fee is $215 per person, $195 per person for groups of five 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. No cash please. Fee includes seminar registration, morning coffee and tea, a personalized certificate of participation, and an extensive resource handbook.

Cancellations/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 can exchange for a certificate to attend another seminar or will be refunded less a $15 service fee. Substitutions may be made anytime without charge.

Further Questions
Call the Bureau of Education & Research (800) 735-3503 or visit us online at www.ber.org. The Bureau is North America’s leading presenter of seminar training for professional educators. Programs are based on sound research, are highly practical in content and consistently receive excellent evaluations.

Meeting Sites and Hotel Accommodations
Seminars will be held at the following sites:

- Baltimore: Embassy Suites – Hunt Valley, (410) 584-1400
- Northern Virginia: Holiday Inn – Dulles Airport, (703) 471-7411
- Raleigh: McKimmon Conference & Training Center – NCSU, (919) 515-2277; hotel accommodations available at Doubletree Brownstone – University, (919) 828-0811
- Richmond: Wyndham – Airport, (804) 226-4300
- Roanoke: Holiday Inn Tanglewood, (540) 774-4400

If needed, please make your own hotel reservations by calling the appropriate hotel listed above.

Possible Funding Sources:
Race to the Top grants; Elementary and Secondary Education Act Funds, including Title I School Improvement Grants; Title VI; Title VII; GATE, Restructuring Grants; At-Risk grants; Bilingual/ESL and Migrant Education Funds; IDEA; Demonstration School Funds; Parent Teacher Organizations; and Inservice Training funds.

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.
DIFFERENTIATING MATHEMATICS INSTRUCTION
Practical Activities and Strategies for Diverse Classrooms
(Grades 3-8)

Registration (MDC3S1)

☐ 1. Baltimore (Hunt Valley), MD – May 13, 2013
☐ 2. Northern Virginia (Sterling), VA – May 14, 2013
☐ 3. Raleigh, NC – May 17, 2013
☐ 4. Richmond, VA – May 15, 2013
☐ 5. Roanoke, VA – May 16, 2013

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 are sent via e-mail. If you would like a confirmation, please provide your e-mail address.

E-MAIL ADDRESS

HOME MAILING ADDRESS

CITY & STATE ZIP CODE

IMPORTANT: PRIORITY ID CODE EMDC3S1

FOUR EASY WAYS TO REGISTER:

PHONE toll-free: 1-800-735-3503 (M-F 6 a.m. - 6 p.m. PST)

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 • www.ber.org

REGISTER ONLINE at: www.ber.org

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METHOD OF PAYMENT

The registration fee is $215 per person, $195 per person for groups of five or more registering at the same time. 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.)

☐ Charge my: ☐ MasterCard ☐ VISA ☐ Discover

Account # __________________________ Exp. Date: ______ / ______

PLEASE DO NOT DETACH MAILING LABEL (Just make corrections as needed)

CAN’T ATTEND?

☐ I’d like to order the CD version of the related seminar, Guided Math: Practical Strategies to Differentiate Your Math Instruction Using Small Group Instruction and Math Learning Centers, by Barbara Blanke, $99.00 plus $9.00 shipping (Stock #A-MUB-1607).

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MDC3S1