Boost Students’ Math Problem-Solving Skills Using Singapore Model Drawing (Grades 2-6)

2014 Schedule

MASSACHUSETTS
Boston / November 5 (Natick)
Contact Hours Verification Available

NEW HAMPSHIRE
Manchester / November 4 (Bedford)
NH Clock Hours Verification Available
For MA, Contact Hours Verification Available

NEW YORK
Long Island / November 6 (Plainview)
NY CPE Hours Verification Available
with Prior District Approval
NJ Professional Development Hours Available with Prior District Approval

TEXAS
Houston / November 7
TX Registered Approved CPE Provider

VERMONT
Burlington/ November 3
VT Inservice Credit Available
with Prior District Approval

Outstanding Seminar Presented by
Cassy Turner
Singapore Math Expert and International Presenter

Specifically Designed for Classroom Teachers, Special Education Staff, Title I Staff, Math Specialists, Instructional Assistants, and Administrators Who Teach Mathematics to Students in Grades 2-6

- **Step-by-step strategies** for teaching the powerful Singapore Model Drawing method successfully in any classroom
- How to use the Singapore Model Drawing method to **increase students’ self-confidence** and give them the skills to perform well on math assessments
- **Practical ideas, tools and techniques** to easily incorporate Singapore Model Drawing strategies into your existing math curriculum
- **Innovative, engaging problem-solving strategies** to differentiate your math instruction and help your students solve multi-step word problems with mastery
- **Ready-to-use tips, tools and an extensive resource handbook** filled with a wealth of meaningful ideas to put the power of the Singapore Model Drawing method to work in your own classroom
Practical Ideas and Strategies

Mathematics organizations throughout the country are continually calling for increased problem solving in the mathematics curriculum. This exciting, fast-paced seminar presents an in-depth look at the Singapore Math Model Drawing method for helping your students understand and master problem solving. It will change your approach to teaching word problems, make math more enjoyable and meaningful for you and your students and greatly enhance your students’ achievement.

Why Singapore Mathematics? When confronted with mediocre math education in the 1980s, Singapore’s leaders developed a curriculum that transformed student performance in less than a decade. Utilizing a concrete-pictorial-abstract approach, Singapore Mathematics materials build deep understanding of mathematical concepts and provide strategies to meet the needs of all learners. Within fifteen years after the adoption of its new curriculum, Singapore students led the world in global math achievement tests.

The Singapore Mathematics success story – from mediocre to world-class achievement in a generation – is no secret. It’s signature component, the Bar Model Drawing method, is being successfully implemented in schools throughout the world. In this powerful, energizing seminar, highly talented math teacher and international instructor, Cassy Turner, will give you the tools, techniques and motivation to incorporate the Singapore Mathematics Model Drawing method into your current program.

You will boost your students’ confidence as math learners, significantly improve their problem-solving skills and find that teaching mathematics can be the most interesting and rewarding part of your day.

Cassy will fill the day with “right back to your classroom” methods you can use immediately for teaching problem solving, mastering multi-step word problems, developing higher-level thinking skills, and assessing student problem-solving processes. You’ll leave with new insights, innovative teaching strategies, an extensive resource handbook, and renewed enthusiasm for teaching problem solving that will significantly increase your students’ math achievement.

Ten Key Benefits of Attending

1. Unlock the Power of the Singapore Model Drawing Method
   Enhance your math lessons with the extremely powerful visual nature of bar modeling ... Step-by-step techniques to enable students – at all skill levels – to see, manipulate, and understand how problem solving works

2. Incorporate the Model Drawing Method of Problem Solving into Your Current Math Program
   Proven ways to easily incorporate this “best practices” approach to teaching mathematics into your current program ... Practical, timesaving techniques that are easy to teach your students and easy for them to learn

3. Accelerate Math Achievement at Every Skill Level
   Replace math anxiety with math enthusiasm and success ... How to use this practical problem-solving strategy with all your students, from those who are gifted to those who struggle with math

4. Make Your Students Phenomenal Problem Solvers
   Learn specific ways to introduce problem-solving skills and strategies that take the mystery out of math ... Equip your students with the skills to solve complex, multi-step problems – skills that really work!

5. Learn Multiple Methods for Assessing Word Problems
   Discover practical ideas for assessing your students’ progress that are efficient, accurate and can be implemented immediately ... How to keep yourself tuned in to all of your students, all of the time

6. Make Word Problems Clear, Simple and Manageable
   Learn the basic steps for breaking word problems into smaller parts that allow students to understand the problem rather than just to perform a computation ... Increase your students’ reasoning skills in mathematics

7. Develop Your Students’ Confidence to Solve Problems
   See how Bar Model diagrams give students a powerful way to visualize math problems ... Proven ways to enable your students to solve virtually any kind of word problem

8. Apply the Singapore Bar Modeling Strategy to the Four Operations of Whole Numbers
   See how this phenomenal strategy can be used to solve word problems involving addition, subtraction, multiplication, and division ... How to transfer that understanding to advanced concepts including percentages, ratio and fractions

9. Add More Teaching Time to Your Day
   See how using the Model Drawing method significantly reduces the need to re-teach problem-solving skills ... Help students learn to solve problems in ways that make sense to them

10. Make Math More Engaging, Easier and Fun
    It’s true – see how you can get students excited about problem solving ... Ready-to-use strategies that will boost your students’ confidence and success
Outstanding Strategies You Can Use Immediately

- **Step-by-step techniques** to teach the powerful Bar Model Drawing approach to problem solving
- How to easily and effectively **incorporate this method into your existing math program**
- Proven techniques to **create positive math learning experiences** for all your students
- Step-by-step techniques to enable students to **master challenging word problems**
- How to enable students to **solve problems using addition, subtraction, multiplication, and division**
- Ideas to introduce model drawing at a level **every student can understand**
- Proven ways to teach problem-solving skills that students need to **meet the challenges of today’s testing**
- How to **build students’ confidence** as capable math problem solvers
- Practical, **timesaving techniques to assess** problem solving in the classroom
- Outstanding ways to **teach how to solve fraction, decimal, percentage, and ratio word problems**
- **Innovative problem-solving questioning techniques** that create deeper understanding for students
- Fresh ideas for **differentiating your problem-solving instruction** to meet the needs of all your math learners
- Numerous techniques to develop your students’ **logic and number sense**
- **Highly effective strategies** for solving both routine and non-routine word problems
- Step-by-step strategies to represent and **solve complex word problems**
- Proven ways to **use common manipulatives to solve word problems**
- How to **integrate the Model Drawing method** with the algebraic method as a transition to Algebra
- Proven techniques to extend word problems to **challenge your most talented students**
- Effective ways to **support and encourage all students** mathematically – regardless of gender, ethnicity or ability
- How to encourage students to **seek alternative ways of solving the same problem** to check reasonableness and answers

“This is an awesome seminar! I will be able to go back to class and use the Model Drawing method tomorrow. Thanks!”
– Joslyn Brown, 2nd Grade Teacher

To Register, Call Toll-Free

1-800-735-3503
Dear Colleague:

As adults, we know that most real-world applications of mathematics involve word problems. Is the 15 ounce box of cereal priced at $2.99 a better deal than the 24 ounce box priced at $3.99? If those sandals are 35% off of their original price, how much will they cost? How many 10 inch square tiles will I need to cover the floor in a 12 ft. x 18 ft. room?

As teachers, however, we know that solving word problems can be a challenge for many of our students. The Model Drawing method strategy for solving word problems, popularized by Singapore Math, will help your students understand and enjoy problem solving in a way they may never have before.

My math students LOVE solving word problems – in fact they’ll work on a single problem for much longer than I expect. As hard as that may be to believe, it is absolutely true. The reason? Very simply, it is because of the exceptional Singapore Math Model Drawing method that encourages them to solve problems and check their answers in multiple ways by breaking the work into small parts that they can easily visualize. Knowing that they can solve challenging word problems boosts their confidence, enables them to be successful in mathematics and provides innovative ways for them to truly understand complex problems.

Please join me for an energizing, information-packed day filled with hands-on problem-solving techniques using the Singapore Math Model Drawing method. I will introduce you to this innovative, step-by-step method that will significantly increase the achievement of your students. When you apply the techniques you’ll learn at this seminar, I have no doubt that your students – just like mine – will be enthusiastic, self-confident and eager to engage in problem solving.

I look forward to meeting you at the seminar!

Sincerely,

Cassy Turner

P. S. Remember, the day will focus on the power of practical, easy-to-teach and easy-to-learn Singapore Math Model Drawing methods that can be used with any math program.
What Your Colleagues Say About Cassy Turner

“Excellent content taught with enthusiasm and skill! This seminar is both practical and inspiring!”
– Kathleen Dunne Millar, Director of Lower School

“Really great! Makes me think of math in a whole new way. I can’t wait to try out these methods with my students!”
– Mindy Bhuyan, Teacher

“Cassy is great – engaging, informative and motivating! I look forward to using what I learned today in my own classroom!”
– Carissa Redeker, 4th Grade Teacher

“Even though my school doesn’t use Singapore Mathematics, the strategies I learned can easily apply to my math instruction. This is one of the best seminars I have ever attended!”
– Anne Marie Christopher, 2nd Grade Teacher

“Helpful, succinct, clear, hands-on, fun!”
– R. Doug Hoff, 2nd Grade Teacher

“Loved this seminar! Cassy is upbeat, knowledgeable and engaging!”
– Cindy Hermida, Math Specialist

“This seminar is awesome! I know I will be able to use these strategies with my students immediately!”
– Mandy Taylor, 2nd Grade Teacher

“Very helpful information! Can’t wait to share it with our team!”
Stephanie Gonzales, 6th Grade Teacher

“Great information! This will really help me teach math to my fourth graders!”
– Tammy Norby, 4th Grade Teacher

“Amazing seminar! I can’t wait to go back and implement these ideas. Thank you!”
– Noemi Perez-Molina, Resource Teacher

“Best seminar I have ever attended! I will be able to use everything I learned today. I’m eager to start!”
– Carrie Noderer, 4th Grade Teacher

“Cassy obviously knows her stuff and understands real teachers and real classrooms!”
– Jenny Miller, 4th Grade Teacher

“This was the most beneficial model drawing class I’ve ever attended! Cassy is very enthusiastic and the handbook is very well put together with problems that will be a valuable resource to use later.”
– Jeanette Clare, 4th-6th Grade Gifted Teacher

Uniquely Qualified Instructor

CASSY TURNER is an outstanding teacher who is well known for her high energy and her practical, engaging seminars chock-full of ideas that teachers can use immediately to implement Singapore Math Model Drawing in their own classrooms.

Cassy has taught Singapore Mathematics for years and has been involved in training teachers in Singapore Mathematics Model Drawing strategies both nationally and internationally.

Recently, Cassy traveled to Singapore, visiting schools and talking with officials in their National Institute of Education and the Ministry of Education. She is a member of the team that authored the first approved training manual for Singapore Mathematics for the state of California. In addition, Cassy is the author of Boost Students’ Math Problem-Solving Skills Using Singapore Model Drawing (Grades 2-6), the extensive resource handbook each participant will receive at the seminar. Cassy’s seminars are fast-paced, fun and full of hands-on methods you can use immediately to get started with Model Drawing in your own classroom.
You’ll Receive an Extensive Resource Handbook
Each participant will receive an extensive resource handbook specifically designed for this seminar. The handbook includes:
- A step-by-step guide to introducing the Model Drawing method into your classroom
- Dozens of suggestions for differentiating problem solving in a heterogeneous classroom
- New ways to challenge your most capable math students with complex word problems
- Specific approaches that work well with struggling math learners, including the use of manipulatives and pictures to aid their understanding
- Easy-to-teach and easy-to-learn methods that will help your students master even the most complex word problems

Meet and Share
This seminar provides a great opportunity for participants to meet and share ideas about using Singapore Math Model Drawing strategies to enhance their instructional programs in mathematics.

Consultation Available
Cassy Turner will be available to answer questions regarding the unique needs of your own math 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.

Online Learning
BER offers educators a wide range of online courses that are affordable, fun, fast, and convenient. Now offering On Demand Video-Based courses as well as Scheduled Instructor-Led courses. You also may earn optional graduate-level credits for most courses. See the catalog of available courses at www.ber.org/onlinelearning.
Who Should Attend
Grades 2-6 Classroom Teachers, Special Education Staff, Title I Staff, Math Specialists, Instructional Assistants, and Administrators.

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.

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 math 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-1611)* or use the order form on the back page.


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

FOUR EASY WAYS TO REGISTER:

**PHONE toll-free:**
1-800-735-3503
(Weekdays 6 a.m. - 6 p.m. Pacific Time)

**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

**REGISTER ONLINE at:** [www.ber.org](http://www.ber.org)

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Pre-registration required due to limited enrollment.

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 $229 per person, $209 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](http://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:
- Boston: Hampton Inn – Natick, (508) 653-5000
- Burlington: Hilton, (802) 658-6500
- Houston: Crowne Plaza Suites – Sugar Land, (713) 995-0123
- Long Island: Holiday Inn – Plainview, (516) 349-7400
- Manchester: SERESC Conference Center – Bedford, (603) 206-6800; hotel accommodations available at Hampton Inn – Bedford, (603) 623-2040

If needed, please make your own hotel reservations by calling the appropriate hotel listed above.
Boost Students’ Math Problem-Solving Skills
Using Singapore Model Drawing
(Grades 2-6)

Registration (MS15F1)

☐ 1. Boston (Natick), MA – November 5, 2014
☐ 3. Houston, TX – November 7, 2014
☐ 4. Long Island (Plainview), NY – November 6, 2014
☐ 5. Manchester (Bedford), NH – November 4, 2014

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 EMS15F1

METHOD OF PAYMENT
The registration fee is $229 per person,
for groups of five or more registering at the same time, the fee is $209 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.)
☐ Charge my: ☐ MasterCard ☐ VISA ☐ Discover

Account # _____________ Exp. Date: _____________ MO/yr

Please print name as it appears on card Signature (required for credit card purchases)

CONFIRMATION # (If you are confirming a previous registration)

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-1611).

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