



# CarrollMath

## Summer Seminar July 11-15, 2011

- Only 32% of U.S. 8th graders are proficient in math, according to the National Center for Educational Statistics. As children get older, reading scores continue to increase and math scores decrease.
- The Carroll School has developed the CarrollMath approach to teach mathematics to students with language-based learning disabilities and those who struggle in math.
- The approach relies on five central foundations:  
(1) Visual-Spatial Modeling, (2) Logic Activities,  
(3) Communication, (4) Fact Fluency, and (5)  
Applications to Traditional Math.
- By including these foundations in Carroll's math classrooms, students consistently show increases on nationally-normed assessments.
- The Carroll School is hosting the Annual Math Seminar, July 11-15, 2011, an interactive five-day session geared to professionals who teach or supervise math.
- Participants will leave with a crystal clear understanding of the CarrollMath approach and how it makes math concrete and fun for students, allowing them to break the cycle of math failure.
- The principles of instruction follow the National Council of Teachers of Mathematics *Curriculum Focal Points* and represent a systematic approach to sequential understanding of math concepts.
- Have you ever been to a great seminar and needed helpful follow-up? After the Math Seminar, The Carroll School can provide consultation services at your school including observations, needs assessment, workshops, in-class demonstration lessons, and coaching. Information is available upon request.



*"Grade by grade the improvement in student achievement was staggering! The efficacy of the program is remarkable, and I feel as though we have found an approach which supports our students' learning profiles and truly honors their strengths. It is a program that truly holds up to Carroll's motto that "Teaching Math is Teaching Thinking."*

*- Teacher, Sally Borden School*

**For session details, pricing, and to enroll today, please refer to the registration form.**

**[www.carrollschool.org](http://www.carrollschool.org)  
(781) 259-8342 x9730**



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## Summer Seminar July 11-15, 2011 Registration Form

To register for the CarrollMath Summer Seminar, please complete and return this form to *The Carroll School, 25 Baker Bridge Road, Lincoln, MA 01773-3199 (Attention: Ann French)* with your **\$950 tuition**. Purchase orders are also accepted. We do not accept credit card payments. Upon registration you will receive a confirmation letter with additional information and a listing of local accommodations.

**Tuition, \$950 per person, includes:**  
**Five-Day Intensive Seminar**  
**Materials**  
**Cognitive Kit**  
**Evening Math Adventures**  
**Game Night and Dinner**  
**30 Professional Development Points**

**Tuition reduction to \$800 per person for schools enrolling five or more Faculty/Staff**

**For further information, please contact:**  
**Ann French at 781.259.8342 x9730**  
**afrench@carrollschool.org**

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Position & Grade(s) \_\_\_\_\_

School \_\_\_\_\_

### Seminar Sessions

All participants will attend group sessions devoted to lectures and demonstration lessons. Software and internet applications that promote skill development will be demonstrated. In addition, there will be breakout sessions working in the following areas of special interest.

#### Please select one breakout session below:

**Logical Thinking** is a foundation of CarrollMath. Work with David Stevens and Kathryn Lyslo to learn the components of logic that CarrollMath students use daily and hone your skills in the art of questioning. Participants will leave with the understanding and materials to use the logic program in their classroom.

Explore the **Symphony Math** program with Gayle Lewis, Head of Carroll's Math Department, and learn to use the innovative Dashboard to inform your teaching. An integral part of CarrollMath, more information on Symphony Math may be found at [www.symphonylearning.com](http://www.symphonylearning.com).

#### Please select one breakout session below:

**Grades 1-5** Carroll teachers, Olympia Shields and Sarah Wilkins, will help you explore how to present mathematical concepts using manipulatives including Structural Materials, develop computational facility in your students, and enhance students' problem solving abilities using model drawing. Demonstrations of materials, activities, and games; videotape viewing; and hands-on practice will be included.

**Middle School** This series, presented by Tom Harding, Potomac School Math Department Head, and Carroll's Julie Nelson offers investigations using manipulatives, models, and problem solving to support the teaching of middle school curricular topics such as division, fractions, positive and negative numbers, ratios, percents, and algebraic thinking.

**Refund Policy:** No refunds will be made for the seminar unless your cancellation is received in writing at least fourteen days before seminar begins. Carroll School reserves the right to cancel the seminar, at which time all money paid by the applicant will be refunded.