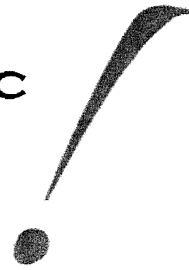


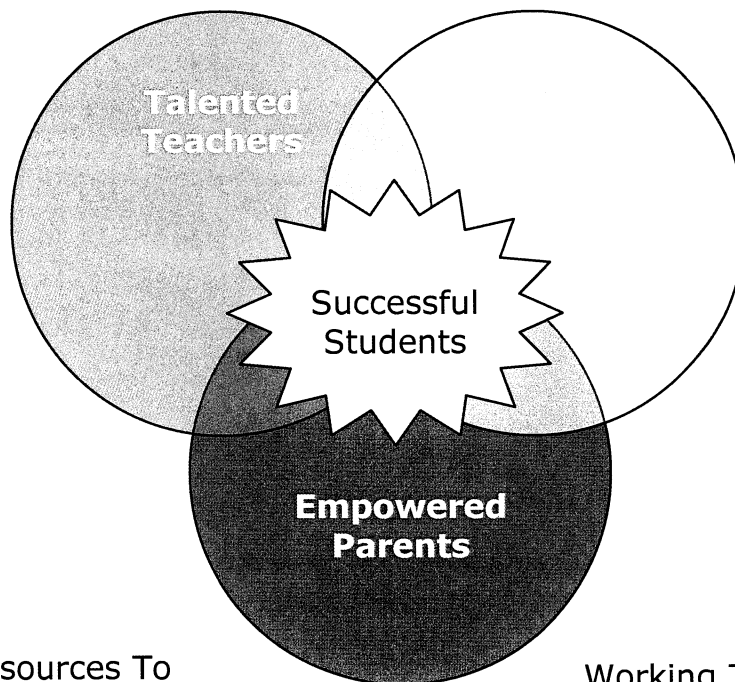
MATHEMATICALLY SPEAKING, INC



Mathematically Speaking, INC. offers a suite of workshops and training sessions that are customized to fit the needs of the audience. All workshops include activities and materials aligned with the National Council of Teachers of Mathematics Standards as well as individual state standards.

Areas of Expertise

- Standards Based Curriculum Development
- Assessment Strategies
- Evaluation of Teachers and Programs
- Standardized Test Preparation
- Lesson Plan Development
- Creating the Optimal Classroom Environment



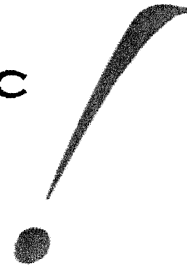
Providing Resources To

- Teach Your Teachers
- Coach Your Coaches
- Empower Your Parents

Working Together We Can

- Enrich Classroom Instruction
- Instill Confidence in Parents
- Celebrate Students' Success

MATHEMATICALLY SPEAKING, INC



Popular Mathematically Speaking Parent Workshops

- School Year Support Workshops
 - Quarterly Meetings during the school year providing Parents with effective techniques to help their Children with Math
- Summer Review Workshops
 - Reinforces math skills learned in the previous year
- Summer Preparation Workshops
 - Gives Parents and Students a head start for the upcoming year

Our workshops, for teachers, coaches or parents can be customized to include any or all of the following

TEACHING YOUR TEACHERS !

- Develop Effective Questioning Strategies
- Build the Transition to Standards Based Instruction
- Master The Art of Assessment
- Implement New Teaching Techniques
- Create a Template for Developing Lesson Plans
- Work Towards Improving Student Scores on Standardized Tests

COACHING YOUR COACHES !

- Strengthen Mathematical Knowledge and Understanding
- Create the Optimal Classroom Environment
- Develop a Positive and Effective Working Atmosphere
- Discover and Utilize Instructional Strategies to Enhance Math Understanding
- Instill Practices for Mastery of Concepts and Skills

EMPOWERING PARENTS !

- Recognize Parents as the Initial Educators of Their Children
- Acknowledge Parents as Partners in the Process of Education and as Home Coaches of Math
- Provide Seminars to Help Parents Better Understand the Language of Math
- Give Parents the Materials and Support They Need to Help Their Children Understand Math Using the MathShapes: Go Figure! Program.

MATHEMATICALLY SPEAKING, INC



Our Dedicated Professionals



Ellen Mulligan has a Bachelor of Science in Secondary Mathematics from West Chester University. She graduated summa cum laude with an M.A. in Curriculum, Instruction, and Supervision from Rider University, where she won the Graduate award for her major. She was named Distinguished Educator for the Philadelphia Archdiocese in 1988. Ellen has over 40 years' experience in classroom teaching from grade school to college, in school district curriculum development, in supervising K-12 math teachers, and in one-on-one tutoring with children who need individual attention or help with SAT prep.

Ellen provided extensive teacher training for two publishing companies. She was a group leader in the initiative to establish the New Jersey State Standards. For two years she worked with the teachers in the Trenton School District to help them align their curriculum to state standards and to write effective lesson plans. She also traveled to military bases in Germany, Korea, and the United States to train teachers employed by the Department of Defense.



Tracey Knerr has a Bachelor of Science in Elementary Education and a Master of Education in Elementary and Middle School Mathematics from Indiana University of Pennsylvania. She has completed all but her dissertation for her Doctorate in Education degree, with a concentration in math education, from Rutgers University. Tracey has 23 years experience as an elementary classroom teacher, an elementary math specialist, an assistant professor, and a teacher trainer. Tracey has taught graduate and undergraduate courses in education, and was responsible for field experiences of student teachers. She is currently serving as a Math Supervisor in a K-12 district.

Tracey has been very involved in curriculum writing and staff development. She has presented numerous workshops for school districts, state initiatives in New Jersey and Pennsylvania, and the National Council of Teachers of Mathematics.

Together, Ellen and Tracey presented for the Bucks County Intermediate Unit in March 2010. The all day session was designed to help parents help their children at home with math. They also presented at the Midwest Home School Convention in Cincinnati in April 2010.