

# Pictorial Mathematics

An Engaging Visual Approach to the Teaching and Learning of Mathematics



[www.PictorialMath.com](http://www.PictorialMath.com) - (909) 730-7312 - Fax: (909) 854-5858

## Professional Development

Pictorial Mathematics has been described by mentor teachers throughout California as the most powerful and effective math professional development available anywhere. Pictorial Mathematics is based on the use of multiple representations, active learning strategies and differentiated instruction. Adopted by the Los Angeles County Office of Education for their mathematics training, Pictorial Mathematics is revolutionizing how teachers think about and teach mathematics:



### Reserve your Dates Now!

The Pictorial Mathematics Professional development is a fast-moving, hands-on and highly engaging experience. Every participant receives:

- A copy of the Pictorial Mathematics book (400pp, \$34.95, at [www.PictorialMath.com](http://www.PictorialMath.com), Amazon.com)
- The Pictorial Mathematics Teaching Resource CD-Rom loaded with invaluable teaching resources

- Training on highly engaging and effective active learning strategies to teach most key math concepts.
- Over 1,000 models, pictorial templates and exercises designed to help students develop a much deeper conceptual understanding of the key math concepts.
- The State Assessment Problem Templates to help teachers prepare students for state assessments.
- Instructional games to teach key concepts such as fractions, percents, algebraic expressions and factoring.

### ***Sample Three- Day Training Schedule (1 day trainings are also available)***

**Day 1:** Using multiple representations, active learning strategies and scaffolding instruction to teach Place Value, the four operations, academic vocabulary and problem solving.

**Day 2:** Using multiple representations, active learning strategies and scaffolding instruction to teach decimals and fractions meaningfully and effectively.

**Day 3:** Using multiple representations, active learning strategies and scaffolding instruction to teach percents, problem solving, algebraic thinking, simple expressions and equations meaningfully and effectively.

## ***Praise for the Pictorial Mathematics Professional Development***

Here is what teachers, coaches and instructional specialists have to say about the 3-day Pictorial Mathematics Professional development:

*“This training was the most engaging and meaningful I’ve ever experienced in my 15 years of teaching. Guillermo engages teachers with great hands-on experience and lessons that can actually be used immediately in their classrooms. I feel newly energized to teach my Algebra classes. Thank you!”* Juldene Sims, Garfield High School, LAUSD

*“The Pictorial Math Training for all fifty elementary and middle school math coaches in District 7 was outstanding. It gave all our coaches the tools and strategies they need to help our teachers teach mathematics meaningfully and conceptually; I just wish every teacher could have the chance to experience learning mathematics the way you teach it.”* Math coach, District 7, Los Angeles Unified School District.

*“Wow! I have attended probably over 100 trainings during my 20+ years as a teacher and coach, but none like this! Engaging! Meaningful! Deep! Thoughtful! Fun! Eye-Opening! Thanks for the tons of resources and the practical down to earth ideas and strategies.”* Lisa Santos, 3<sup>rd</sup> grade mentor teacher.

*“This is by far the best professional development I have participated in during my 18 years of teaching. I can’t wait to engage my students with your outstanding lessons and activities.”* Jeff Shuster, 7<sup>th</sup> Grade teacher, LACOE

*“Most of the time, when a workshop is good, you get 4 to 5 great ideas you can use in your classroom. In your workshop I counted 24 different excellent strategies and activities I plan to use with my students! Thanks for a great, fun and worthwhile experience.”* Jennifer Maldonado, 5<sup>th</sup> grade teacher

*“This training is an infusion of enthusiasm for teaching mathematics. I learned more content. I learned more ways to reach ALL my students (universal access). This teacher practices what he preaches. I learned as much by the way he taught as by what he taught. His teaching is infectious.”* Kathy Macauley, LACOE high school teacher



### **About Guillermo Mendieta, author of Pictorial Mathematics.**

Mr. Mendieta has taught K-12 and college mathematics since 1986. He has been an instructional math coach for schools throughout California. He is a past recipient of the NAACP Los Angeles County Teacher of the year award. He was awarded the 2006 National Mathematics Leadership and Equity award by TODOS, the NCTM affiliate focusing on the mathematics achievement of Latino students. He has served in numerous National boards, including the Annenberg’s National Equity Board, the National Staff Development’s Council and the National Science Foundation. Mr. Mendieta is a regular presenter at NCTM, CMC, CABE and CLMS. For more on Mr. Mendieta’s background or his publications, visit <http://www.PictorialMath.com>.

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Inquire and/or reserve your professional development dates by calling or emailing us @  
Phone: (909) 730-7312 - Fax: (909) 854-5858, email: [PictorialMath@yahoo.com](mailto:PictorialMath@yahoo.com)

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