

2008 KEYNOTES & AT-A-GLANCE

Opening Keynote:

Greg Tang, Scholastic Inc.

Algebraic Thinking - More Than Just a Buzzword

Quick, can you explain what algebraic thinking means? It's hard to define and even harder to teach. The secret? Algebraic teaching! Join best-selling *Grapes of Math* author Greg Tang in exploring the difference between algebraic and non-algebraic teaching, and see why traditional methods based on memorizing facts and formulas can't possibly teach kids what they really need to know.



Janet Bullock, Innovative Learning Concepts, Inc.

TouchMath: A Multisensory Approach to Math

If you're looking for a math program guaranteed to work with every child, don't miss the TouchMath Workshop. You'll see exactly why TouchMath's multisensory approach is unparalleled in its reach and how it keeps children listening, laughing and learning! Teachers worldwide have learned the value of TouchMath - Now is your chance.



Chuck Vonder Embse, Central Michigan University
Interconnected Multiple Representations: A Better Path to Understanding in the Mathematics Classroom

Each student comes to understand concepts and solve problems in his or her own unique way. One of our most important duties as teachers and facilitators of learning is to provide students with multiple pathways to learning and understanding. Technology provides tools that not only present multiple representations, but also that interconnect these representations in ways that increase the opportunities students have to arrive at real understanding. Several examples of these interconnected multiple representations will be shared and discussed.



Dinah Zike, Dinah-Might Adventures, LP

Greater Math Understanding through Manipulation: Using Foldables' and Other 3-D Tools

Three-dimensional graphic organizers help students master difficult mathematical concepts. In this session, learn how to engage students with three-dimensional manipulatives (including Foldables' and Equivalency Flips') for immersion in hands-on math and lasting understanding. Materials provided to create representational tools that are evidence based, integrative, and sensible. Foldables' can be used with students at all ability levels.



CONFERENCE AT A GLANCE

Thursday, August 7, 2008

7:00am - 3:30pm	Registration
7:30am - 6:00pm	Silent Auction
7:30am - 6:00pm	Exhibits Open
7:45am - 8:45am	Sessions
9:00am - 10:15am	Presidential and Outstanding Achievement Awards and Opening Keynote: Greg Tang, author "The Grapes of Math" <i>Sponsored by: Everyday Mathematics</i>
10:30am - 11:30am	Keynote: Chuck VonderEmbse, Central Michigan University
10:30am - 11:30am	Sessions
10:30am - 12:00pm	Keynote: Dinah Zike, Dinah-Might Adventures, LP
10:30am - 12:00pm	Workshops
11:30am - 1:00pm	Lunch (included) and Vendors
1:10pm - 2:10pm	Sessions
2:20pm - 3:20pm	Sessions
2:20pm - 4:20pm	Workshops
2:20pm - 5:00pm	Extended Sessions
3:30pm - 4:30pm	Sessions
3:30pm - 5:00pm	Workshops
4:30pm - 9:00pm	MCTM B³ Backyard Barbeque Blast, Holt High School
4:30pm - 6:00pm	Stroll the vendors while enjoying appetizers and music.
6:00pm - 9:00pm	Awards Banquet - Join us for Dinner, Awards and Music! Be one of the first 100 people and receive a FREE appetizer gift card to Carrabas Restaurant (up to a \$15 value!) Regional Director, Longevity and Scholarship Awards will be given.

Thursday Special Events

4:30pm - 9:00pm	B³ Banquet - Backyard Barbeque Blast! Holt High School
4:30pm - 6:00pm	Appetizers and Exhibits
6:00pm - 9:00pm	Dinner, Awards and Dancing!

Friday, August 8, 2008

7:30am - 1:00pm	Exhibits
7:30am - 12:00pm	Silent Auction
8:15am - 9:15am	Sessions
9:25am - 10:25am	Sessions
9:25am - 11:00am	Keynote: Janet Bullock, Innovative Learning Concepts, Inc.
10:35am - 11:35am	Sessions
11:30am - 1:00pm	Box Lunch (included), Raffle Drawing and Exhibits
1:05pm - 2:35pm	Workshops
1:00pm - 3:00pm	Extended Sessions
2:35pm - 3:35pm	Annual MCTM Membership Meeting - Everyone is Welcome!