



AMT³RA



The
Association of Mathematics Teachers of the Rochester Area
is excited to be working with
Texas Instruments
to offer a wider variety of workshops and opportunities at our
Annual Spring Conference
Friday, April 20 & Saturday, April 21, 2007
Skalny Science Center – St. John Fisher College

Highlights:

- Activities, projects, and standards at all levels K - college
- Integrating technology in the classroom
- Workshops for Mathematics & Science
- Great lessons that motivate kids without using technology
- Using graphing calculators for data collection and analysis
- Goodie-Bags include T-Shirt, CD with presentations & materials, and much more
- Wine & Cheese Social Friday evening included in registration fee
- Lunch Saturday included in registration fee
- Vendors, Publishers, & Exhibits Friday & Saturday
- Door Prizes

Keynote Speaker Kay Toliver

With more than 27 years of teaching grades one through eight in East Harlem, Kay Toliver has developed the philosophy: “All students can learn. It is a teacher’s job to expand minds and take children from the known to the unknown.” Toliver is a Senior Associate of the Foundation for Advancement in Science & Education (FASE), she has created a FASE-produced instructional television series *The Eddie Files*, and has received numerous awards including the Presidential Award in Secondary Mathematics, the Disney American Teacher Award, and the Reliance Award for Excellence in Education.

Tentative Time Schedule

Friday April 20 th	Vendors/Exhibits Open 3:30 – 7:00	Saturday April 21 st	Vendors/Exhibits Open 7:30 – 10:30 and 11:30 – 2:00
3:30 – 4:15	Registration	7:00 – 8:00	Registration
4:15 – 5:05	Session 1	8:00 – 9:00	Session 3
5:15 – 6:05	Session 2	9:15 – 10:15	Session 4
6:15 – 7:00	Wine & Cheese Reception	10:30 – 11:30	Session 5
	<i>Door Prizes and Certificates of Attendance for the 2 hours earned participating Friday will be handed out at the Wine & Cheese Reception.</i>	11:45 – 12:45	Session 6 / Lunch
		1:00 – 2:00	Session 7 / Lunch
		2:15 – 3:15	Keynote Speaker – Kay Toliver <i>Door Prizes and Certificates of Attendance for the 8 hours earned on Saturday will be handed out after the Keynote Address.</i>

Please plan on joining us!

Gail Daugherty – AMTRA President
 gailsd@frontiernet.net

Speaker Proposals Accepted by March 15th

Contact Carrie Gunther if you are interested in presenting!
 Carrie_Gunther@pittsford.monroe.edu



What does AMT³RA have to offer you? Here are just a few of the 70 sessions we will be offering:

Elementary School Level

- Martha Bjorklund & Diane Broberg of the Allendale Columbia School will help you learn ways to connect math with literature. You will leave their session with activities you can use Monday morning in your classroom.
- Khieta Davis of the Rochester City School District will have you playing with color tiles, Cuisenaire rods, and base ten blocks to create concrete connections between fractions and decimals.
- Sue Stanish from Pittsford's Allen Creek School will help you develop your students skills of measurement while comparing volume, area, and weight with Medieval Dragon Math. Participants will walk away with a packet of ideas for theme related / literature based math activities.
- Kurt Whited from South Portland, Maine is traveling to Rochester to show you the brand new Investigations 2008. Participants will play with the new games and activities.

Middle School Level

- Jeremy Duntley teaches at the Calkins Road Middle School in Pittsford. Join him to explore new ways to plant the seeds of infinity in your middle level classroom. The ideas of limiting values and infinite process will soon be growing in your students' brains!
- Dana Morse was a hit at our last technology conference hosted at St. John Fisher. He is traveling back from Skaneateles to wow you again with TI SmartView. Learn how to make worksheets with screen captures and script lessons for playback. Participants should bring a USB Drive to steal some of Dana's lessons!
- Sharon Mosher from Honeoye Falls – Lima High School will use bubblegrams, the Frayer model, and semantic feature analysis to help you develop vocabulary with your students. Participants will write activities for their own classrooms.
- Bev Voos, 7th grade math teacher at Spry Middle School in Webster is going to show you how she has learned to use the TI Navigator in her classroom this year. You get to play with M&M's as you use the TI-73 with the Navigator to collect data and create graphs.

High School Level

- What do you know about APPS? Vince Doty is traveling from Canastota to show you how AreaForm, Transfm, and Inequalz can be your pedagogical assistants in the classroom. You will also see TI SmartView as a presentation tool.
- Gene Olmstead is coming to us from Elmira to help teachers help their students make connections between what he considers our two most important math courses – Algebra and Geometry. With the use of new technology, we now have the ability to connect these two courses like never before. No experience is necessary, only the desire to learn!
- Kim Waterbury from Pittsford Mendon High School started using the TI-Navigator System in November. Her session titled "Newbies Helping Newbies" will give basic lessons and advice to those just learning about the system.
- Greg Williams from Maury High School in Norfolk, Virginia is giving two workshops using the Navigator system. The old idea of paper folding is brought back to life with the power of technology to help collect, distribute, and analyze data. His other workshop uses probability and statistics APP to figure out why the dice are die-ing.

Upper Level / College

- Bill Caroscio, past AMTNYS President, is coming in from Elmira to explore how new technology tools enhance our ability to problem solve. Using numeric, algebraic, and geometric representations of a problem situation can drastically increase student learning and understanding.
- Tony Martellotta teaches AP Statistics, Pre-Calculus, and Algebra 2 at Pittsford Mendon High School. He also served as an adjunct professor at RIT's College of Science. He will guide you through an exploration of uncertainty using simulation, experiment, and creative approaches.
- David Usinski is a technology staff developer for the Erie 1 BOCES. He has studied Dr. Robert Marzano's best teaching practices and applied them to a Navigator classroom. Participants will leave with ready-made lessons that can be used Monday morning in your classroom.

Multi – Levels

- Mary Bauer and Cindy Callard from the Warner Center at the University of Rochester will use videos and scripts to explore what it means to foster classroom conversation that focuses on mathematical ideas.
- Donna & Fred Roberts will show you how to use short clips from well known movies to hook students.
- Art Meets Math is the title of Nancy Topolski's workshop. This Penfield High School teacher will have you explore mathematical concepts, develop writing skills, and foster artistic thinking at the same time.
- Jill Zimmermann from the Monroe 1 BOCES is a teacher for the deaf and hard of hearing. Participants will learn signs for basic math vocabulary and have the opportunity to practice signing simple math problems.
- Have you seen the latest & greatest from Texas Instruments? Melody DeRosa will be showing off their new products. If you have enjoyed TI products in the past, you are going to love their new stuff!