

THE NUMBER LINE

July 2008 – Conference Issue

www.lamath.org



Message from the Conference Chairs

We invite you to join over 1000 mathematics educators in Baton Rouge on November 5-7, 2008, for the LATM annual conference. This year's theme is *Mathematical Journeys: Infinite Possibilities*. Note that these dates are on **Wednesday, Thursday, and Friday** to avoid the LSU football game that was rescheduled for Saturday, November 8!

Sessions will be held at the Baton Rouge River Center and the Hilton Capitol Center. Registration will be held at the River Center beginning at 4:00 PM on Wednesday, November 5. Registration materials are included in this newsletter. **Please note the reduced registration fee for those postmarked by September 12, 2008.** Get your forms in early to save money!

Extended sessions will be held on **Wednesday, November 5** and require advanced reservations. Extended session registration forms and a listing of Extended Sessions offerings are included in this newsletter. Registration forms must be postmarked by September 12, 2008.

The Exhibitors' Showcase will begin at 5:00 PM in the Galleria area of the River Center with the Exhibitors' Reception starting at 6:00 PM at the same location. Both the Showcase and the Reception are free to all registrants. We hope you'll take advantage of this opportunity to browse through the most up-to-date educational items, socialize with colleagues, and have some great appetizers, as well.

The regular conference begins at 8:00 Thursday morning and continues until just after noon on Friday. You can choose from a vast number of motivating and informative one-hour sessions to attend over that time span and still get home for those Friday night activities. Many sessions will focus on content area literacy strategies and activities from the newly revised *Comprehensive Curriculum*. Remember, all one-hour sessions are held on a first-come, first-served basis.

We are truly excited about the LATM Awards Banquet that will be held on Thursday evening this year. We'll recognize LATM Outstanding Teachers as well as the 2007 Awardee and 2008 Finalists for the Presidential Award for Excellence in Mathematics teaching. Our keynote speaker will be Dr. Keith Devlin, co-author of *The Numbers Behind NUMB3RS: Solving Crimes with Mathematics*, the companion book to the hit CBS television series. You may know Dr. Devlin as "The Math Guy" on National Public Radio. The banquet will be held in the Heidelberg Ballroom on the 10th floor of the Hilton Capitol Center, Baton Rouge's only four-star hotel. This newly renovated, historic venue offers breath-taking views of the Mississippi River, the Old State Capitol, and the skyline of Baton Rouge. The food will be prepared by the Hilton's award winning chef, so you won't find a better dining experience in Baton Rouge!

Call 1-225-3-HILTON to make reservations. Be sure to indicate that you will be attending the LATM conference. The conference rates are \$129 for single/double standard rooms and \$139 for single/double river-view rooms. Reservations must be made by October 8, 2008. Prices include free Internet connections and many other guest room amenities. Hotel parking for overnight guests is \$10 per day; daytime parking at the hotel is \$8.00 per day. The River Center parking garage is \$5.00 per day. There are several surface parking lots near the Hilton that are also \$5 per day.

We look forward to seeing you on our *Mathematical Journey of Infinite Possibilities* in Baton Rouge!

Maryanne Smith
Program Chair

Carolyn Sessions
Conference Chair

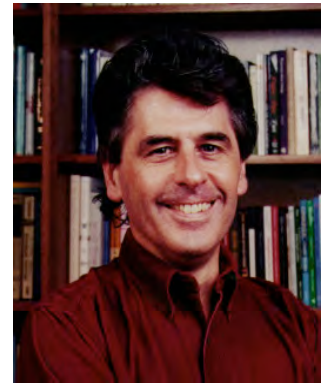
LATM Conference Banquet
Thursday, November 6, 2008
Heidelberg Ballroom – Hilton Capitol Center

Keynote Speaker

Keith Devlin

co-author

The Numbers Behind NUMB3RS: Solving Crimes with Mathematics
(companion book to the hit CBS television series)



Dr. Devlin is also known as “The Math Guy” on National Public Radio. The Heidelberg Ballroom is on the 10th floor of the Hilton Capitol Center, Baton Rouge’s only four-star hotel. This newly renovated, historic venue offers breath-taking views of the Mississippi River, the Old State Capitol, and the skyline of Baton Rouge.

Recognition of Outstanding Math Educators

LATM will honor the LATM Outstanding Mathematics Educators and the finalists for the 2008 Presidential Award for Excellence in Mathematics Teacher, and the 2007 Presidential Awardee at this event.

The cost to attend the banquet is \$25 per person. The food will be prepared by the Hilton’s award winning chef, so you won’t find a better dining experience in Baton Rouge! Tickets are to be purchased in advance by completing the appropriate section on the Conference Registration form.

Hilton Baton Rouge Capitol Center

Hotel Reservation Information

Call 1-225-3-HILTON by October 8, 2008, to make reservations. Be sure to indicate that you will be attending the LATM conference in Baton Rouge. The conference rates are \$129 for single and double standard rooms, and \$139 for single and double rooms for Riverview rooms (rooms that overlook the river). Overnight parking for hotel guests is \$10 per night (reduced from the regular rate of \$15). The rate is \$8 per day for those who wish to drive in and use the hotel’s parking facilities. All parking at the hotel is valet parking.

The Hilton Capitol Center is a four star hotel with lavish amenities to be enjoyed by all. The hotel was a significant part of Louisiana’s colorful political history. From Huey P. Long to John F. Kennedy, the hotel was home to American Presidents, glamorous celebrities and generations of weddings, conventions, and loyal business travelers. The Hilton Capitol Center is a combination of the historic Heidelberg and Capitol House Hotels which have been fully restored to their former state of grandeur with over \$70 million in renovations. The hotel is 100% smoke free. See the hotel’s website: http://www1.hilton.com/en_US/hi/hotel/BTRCPHF-Hilton-Baton-Rouge-Capitol-Center-Louisiana/index.do.

Parking

Valet parking is available at the Hilton Capitol Center as noted in the Hotel Reservation information. Parking is also available at the River Center Parking Garage on St. Louis Street and in surface lots near the Hilton for \$5 per day. Surface parking lots require cash payment.

2008 LATM Conference Supporters



The Conference Committee expresses a special thanks to our friends who have already committed to join us for the 2008 Baton Rouge Conference event.

Platinum Level Supporter: Bill Lohman and Promethean ActiveBoard

Silver Level Supporter: Ellen Johnston and Texas Instruments

Exhibitors:

Promethean Activeboard
Texas Instruments
Amsco Publishing
Benchmark Education
Carnegie Learning
CHARISM
Curriculum Associations
ETACuisenaire
ExxonMobil
Glencoe/McGraw-Hill
Great Source
Holmes Educational Consultants
Kaplan Early Learning
Key Curriculum Press
Lakeshore Learning
Mathline How Brite
MacMillan/McGraw-Hill
Options Buckledown
Renaissance Learning
Sadlier Oxford
Saxon
Systems for Learning, Inc.

Several other exhibitors and sponsors will be present in Baton Rouge for our fall event. Look for updates on our website, <http://www.lamath.org/>, with other conference information.

Please remember to support our sponsors whenever possible!!!!

LATM Annual Conference

Mathematical Journeys: Infinite Possibilities

PRE-REGISTRATION Conference Form

Baton Rouge, LA
November 5 - 7, 2008



First Name _____

Last Name _____

Preferred Address _____

City/State/Zip _____

Home Phone _____

Work Phone _____

Work Fax _____

School District _____

Grade Level Lower Elementary Upper Elementary Middle High College Other

E-mail Address _____

(E-mail address required for confirmation of registration)

√
here

Full Conference Early-Bird Registration Postmarked by September 12, 2008	\$50.00	
Full conference Pre-Registration postmarked from September 13 th thru October 3 rd	\$60.00	
Full Conference Onsite Registration (postmarked after October 3, 2008)	\$75.00	
Full-time Non-teaching Student Pre-Registration	\$25.00	
Friday Only Registration	\$20.00	
Extended Session (Must attach Extended Session Registration Form) (Full Conference Early-Bird Registration Required)	3 hour extended sessions \$10 ea x ____	
† Donate a dollar for the Carol Meyer Scholarship Fund	\$ 1.00	
Banquet: Thursday, November 6, 2008 at 6:00 PM	\$25.00	
No Refunds!!	Total	

Special assistance request must be received by September 12, 2008.

Make checks payable to: LATM Conference

Mail to: E. Jean Ware, Caddo Parish Schools, 1961 Midway Avenue, Shreveport, LA 71108

Exhibits Open Wednesday, 5 p.m. – 8:30 p.m., Thursday, 8 a.m. – 5 p.m. and Friday, 8 a.m. – 12 p.m.

ANY registration postmarked after October 3rd will be held for onsite registration cost.

**NOTE: THE 2008 LATM CONFERENCE IS:
WEDNESDAY, NOVEMBER 5TH THRU FRIDAY, NOVEMBER 7TH.**

Payment received: Cash _____ Check _____ # _____ P. O. _____

LATM Extended Sessions

Wednesday, November 05, 2008



LATM Annual Conference

To register for extended sessions, list course offerings by first, second, and third choice for each time period on the Extended Session Registration Form. Participants may choose to register for one AM session, one PM session, or one of each. Only those sessions which have at least 10 registrants will be held. Should there be fewer than 10 requests for an Extended Session, a registrant will be assigned to another choice on his/her list.

There is a \$10 charge for each extended session. Payment and the Extended Session registration form must be submitted with your conference registration. All extended session participants must also be registered for the conference. On the second line of information, notice the appropriate grade levels and the name(s) of the Presenter(s). All sessions will be held at the Hilton Capital Center, unless otherwise noted.

Note: The Louisiana Council of Supervisors of Mathematics (LCSM) will hold a meeting for members Wednesday afternoon. Contact emily.rash@mcschools.net for LCSM meeting information.

Morning Sessions (\$10): 8:30 – 11:30 a.m.

Session #1 – E-Mission to Mardi Gras

08:30 – 11:30 a.m.

General Interest

Linda Gauthier

Teachers will receive NASA classroom materials and information on professional development programs. Teachers will also simulate a rescue mission (volcanoes & hurricanes).

LRCE (Louisiana Resource Center for Educators)

Session #2 – Linking Literacy Strategies to the Curriculum

08:30 – 11:30 a.m.

General Interest (w/PK-7 focus)

Kay McInnis

Discover how the Math Comprehensive Curriculum has been enriched with literacy strategies. See examples of the 18 strategies integrated throughout the curriculum and how they enhance learning while improving reading and writing skills. Focus will be on PK-7

LCET (Louisiana Center for Educational Technology)

Session #3– Can Literacy Strategies Make a Math Lesson Better?

08:30 – 11:30

6-8 (w/ 8th focus)

Darlene Morris, David Denton

Participants will actively explore 8th grade Comprehensive Curriculum lessons that include literacy strategies.

Discussion of how to incorporate these strategies into other lessons will also be part of the session. Handouts will include copies of the covered lessons. Door prizes will be given.

Hilton Capitol Center

Session #4 – It's Time to INCorporate the Graphing Calculator!

08:30 – 11:30 a.m.

9-12

Stacey Magee

Teachers will work hands-on to incorporate the TI-83/84 calculator into existing activities from the LA Comprehensive Curriculum. Participants will be working in a computer lab, and those teachers who do not bring their own graphing calculators may borrow one for the 3-hour session.

LCET (Louisiana Center for Educational Technology)

Afternoon Sessions (\$10): 12:30 – 3:30

Session #5– *Let the Games Begin!*

12:30 – 3:30

1-3

Jan DeMeyere

Students learn more when they are actively engaged in an activity. What better activity than playing games! We will explore games that students will enjoy and will help them learn their basic math facts. After working through the games, participants will have a better understanding of how these games can be implemented in the classroom. Teachers will be able to create their own game sets.

Hilton Capitol Center

Session #6– *Read What? I Do Math!*

12:30 – 3:30

3-5

Zulema Taylor, Chenoa Pearson

This session is designed to demonstrate how to include reading comprehension strategies in your math lessons while showing Louisiana spirit! Participants will engage in hands on activities that reinforce math concepts using the basic principles of reading comprehension.

Hilton Capitol Center

Session #7– *Who Cares and Why (WCAY): Understanding Operations of Fractions through Manipulatives*

12:30 – 3:30

6-8

Yvelyne Germain-McCarthy

Participants will explore how to create and solve WCAY problems for operations of fractions with the use of manipulatives.

Hilton Capitol Center

Session #8– *Mathematical Journey: A Math Trail*

12:30 – 3:30

6-8

Ellen Marino, Maryanne Smith

Come experience Baton Rouge in a new way. Math trails offer engaged learning no matter the site. We will take you through the steps to create your own math trail then begin our Mathematical Journey.... A Math Trail: Baton Rouge. Wear your walking shoes and be prepared to learn a lot.

Hilton Capitol Center

Session #9– *Introduction to GeoGebra*

12:30 – 3:30

9-12

Andrew Talmadge

GeoGebra is dynamic mathematics software for secondary schools that joins geometry and algebra combining a dynamic geometry system with equations and coordinates. This software is FREE to teachers and students.

LCET (Louisiana Center for Educational Technology)

Session #10– *Investigating the Math Essentials Comprehensive Curriculum*

12:30 – 3:30

9-12

Patricia Edmiston

The session will provide insight into incorporating activities, including literacy strategies from Unit 2: Probability contained in the Math Essentials Louisiana Comprehensive Curriculum.

Hilton Capitol Center

Session #11– *Game Shows in the Classroom*

12:30 – 3:30

General Interest

Kristen Hernandez, Kay McInnis

Come see first hand how two classroom teachers are using Game Shows in the classroom to increase student motivation and success. Each participant will leave with a CD containing over 50 game shows and activities to use in the classroom.

LCET (Louisiana Center for Educational Technology)

Session #12– *Using “Probes” in the Classroom for Formative Assessment*

12:30 – 3:30

General Interest

Zoe Harrell, Cindy Sullivan

You will learn to use “probes” as formative assessment for diagnostic and monitoring purposes. These are assessments for learning and not assessments of learning. These probes will help you reveal the types of misconceptions your students have about common mathematics concepts before and throughout instruction.

Hilton Capitol Center

Extended Session registration form must be received by September 12, 2008

LATM Annual Conference
Mathematical Journeys: Infinite Possibilities
EXTENDED SESSIONS Registration Form

November 5, 2008

First Name _____
Last Name _____
Preferred Address _____
City/State/Zip _____
Home Phone _____
Work Phone _____
E-mail Address _____

(E-mail address required for confirmation of registration)



ENCLOSE THIS FORM WITH YOUR CONFERENCE REGISTRATION FORM
Extended Session Registration Fees

\$10.00 per 3-hour session
Extended session participants MUST also register for the *Mathematical Journeys: Infinite Possibilities* conference by the Early-Bird deadline of September 12, 2008.

Please indicate your extended session(s) preference below. Every effort will be made to honor your first choice.

Register early to improve the chances of securing your first choice. Extended sessions must have at least **ten** participants to be held.

	1 st Choice	2 nd Choice	3 rd Choice
Extended Session number (AM-3 hours)	_____	_____	_____
Extended Session number (PM-3 hours)	_____	_____	_____

Extended Session registration will be confirmed by September 22nd. Confirmations will include specific site information for all Extended Sessions. Participants are responsible for providing their own transportation to each site (Hilton Capitol Center, LRCE, or LCET). Sign-in for morning sessions begins at 8:00 a.m. at each site.

Make checks payable to: LATM Conference

Mail to: E. Jean Ware, Caddo Parish Schools, 1961 Midway Avenue, Shreveport, LA 71108

Exhibits Open Wednesday, 5 p.m.– 8:30 p.m., Thursday, 8 a.m.–5 p.m. and Friday, 8 a.m.–12 p.m.

**NOTE: THE 2008 LATM CONFERENCE IS:
WEDNESDAY, NOVEMBER 5TH THRU FRIDAY, NOVEMBER 7TH.**

Payment received: Cash _____ Check _____ # _____ P O _____



Louisiana Association of Teachers of Mathematics
LATM Annual Conference 2008
November 5-7, 2008 **Baton Rouge, Louisiana**
One Hour Presentation Proposal Form

Please Print or Type

Lead Presenter Name:		Agency/School:		
Preferred Mailing Address:		City:	State:	Zip:
Work Phone: ()		Fax: ()		Home Phone: ()
Cell Phone: ()		***e-mails sent during summer – home e-mail preferred***		
E-mail (required):		Alternate E-mail:		
Co-Presenters: Copy the above 5 lines and paste to bottom of this form with information for each person.				
Intended Audience (check only one):				
<input type="checkbox"/> PK – 2		<input type="checkbox"/> 3-5		<input type="checkbox"/> 6-8
<input type="checkbox"/> 9-12		<input type="checkbox"/> 12+		<input type="checkbox"/> Supervisor
<input type="checkbox"/> General Interest				
<p>You may indicate a preferred time slot, but it will likely be impossible to honor all requests. The program chairs reserve the right to assign a different time slot with the intent of providing the most balanced program possible.</p> <p>60 minute demonstration or workshop: <input type="checkbox"/> Thursday AM <input type="checkbox"/> Thursday PM <input type="checkbox"/> Friday AM <input type="checkbox"/> No preference</p> <p>Would you be willing to present this session more than once? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Number of participants you can accommodate: <input type="checkbox"/> 30 <input type="checkbox"/> 50 <input type="checkbox"/> 100</p> <p>All rooms will accommodate more than 50 participants.</p>				
Session Title:				
Description (30 words or less):				

Equipment and Commitment: Check below if you plan to use an overhead projector. Presenters must provide additional equipment (computers, LCD panels, internet access, and other items) needed for the presentation
 I will need an overhead projector for my presentation.

On behalf of the presenter(s) listed in this proposal, I/we understand that I/we must register for the conference and be responsible for the rental costs of additional audiovisual equipment ordered from the hotel's AV service.

Signature of Person Submitting Proposal

Date

Note: There is a reduced registration rate for the LEAD Presenter. A special registration form will be sent upon acceptance of the proposal

Mail form by **August 15, 2008 to: Maryanne Smith, St. Tammany Parish Schools, 227 N. Jefferson, Covington, LA 70433. You may also email the completed form to maryanne.smith@stpsb.org OR smith70471@yahoo.com OR fax it to Maryanne Smith at (985) 898-6493.**

You will be notified of the acceptance of your proposal by e-mail.



2007 Presidential Awardees Kim Melancon (left) and Lai Cao (right) enjoy their view of the Washington Monument in Washington, DC. Kim, Presidential Awardee in Secondary Mathematics, teaches at Donaldsonville High School in Ascension Parish. Lai, the Presidential Awardee in Science, teaches Physics at Baton Rouge High School.

Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) are administered by the National Science Foundation for the White House. These awards identify outstanding mathematics and science teachers in grades K-12. Competition alternates each year between teachers of K-6 and teachers of grades 7-12. K-6 teachers were able to apply in 2008; teachers of grades 7-12 may apply in 2009. Teachers will be notified electronically of their nomination after their eligibility has been verified. Application information is available at the National Science Foundation's website at www.nsf.gov/pa.

Awardees receive a \$10,000 personal award from the National Science Foundation. LATM also gives an award of \$500 to each person designated as a finalist.

First Annual LATM Math Awards 2008 Science and Engineering Fair

The first LATM Awards for Mathematics were presented during the 2008 Louisiana State Science and Engineering Fair April 7-8, 2008. LATM presented cash prizes of \$100.00, \$50.00, and \$25 for first, second and third place winners in both the junior and senior level categories. Judging criteria included creative use of mathematics in approaching and investigating a question and the use, analysis, and interpretation of data.



The Science and Engineering Fair is both a competition and an opportunity for students to focus on interesting questions and problems in Science Technology Engineering and Mathematics. The State competition brings the regional winners from across Louisiana to the LSU campus each year. Winners in the regional programs compete for state awards and the opportunity to participate in the Intel International Science and Engineering Fair. This year the International event was held in Atlanta, GA May 11-17th.



Affiliates in Action

Louisiana Council of Supervisors of Mathematics (LCSM)

The fall meeting of the LCSM will be held on Wednesday, November 5, 2008, at 1:00 p.m. in Baton Rouge on the opening day of the LATM conference. Carolyn Sessions will give an LDE update, as well as other important mathematics curriculum and assessment information. The location has not been determined, but emails will be sent prior to the meeting with more details. Please make plans to attend.

If you are not currently on our mailing list, please send contact information to Jan Latino, Secretary, at jan.latino@stpsb.org or Emily Rash, President, at emily.rash@mcschools.net.

SouthEast Area Teachers of Mathematics (SEATM)

SEATM held its Spring Dinner Meeting in April at the Mandeville Community Center. Channel 4 WWL weatherman, Jonathan Meyer, was the guest speaker. He shared lots of ways he uses math everyday in his job.

Teachers who received National Board Certification, Presidential Awardees and Finalists, LA PTA Educators of Distinction, and individual schools' Teachers of the Year were recognized and given a framed certificate.

SEATM is busy getting presenters for the LATM Conference in November. There are a lot of great teachers in our organization and we encourage them to become active members in both LATM and SEATM. SEATM is providing a conference banquet ticket to all members who are presenting.

LATM Executive Board News

Nominations & Constitutional Amendments

The Nominations Committee presents to the Membership the following proposed slate of officers for:

Vice President of Colleges:	Beth Smith
Vice President of Elementary Schools:	Sabrina Smith
NCTM Representative:	Jean Ware

The Nominations Committee presents to the Membership the following appointed offices:

Community Relations Chair:	Desley Plaisance
Membership Chair:	Maudry Alfred

If you have additional nominations to the Executive Board, please email them to Maryanne Smith at smith70471@yahoo.com no later than October 1, 2008, for Membership approval at the Annual Meeting.

The following are proposed amendments and changes to the LATM Constitution and By-Laws. All proposed additions are underlined and all proposed deletions are marked with a ~~strike through~~. If you have questions about any of these proposed changes please contact Jeremy Muse at musej@apsb.org. The membership will consider these proposed changes at the annual membership meeting during the annual conference.

[Proposed Amendments to the LATM Constitution](#)

ARTICLE III: MEMBERSHIP

Section 3. Student memberships shall be defined as those members who are enrolled as full-time graduate non-teaching or undergraduate students of higher learning and who have paid the annual student dues of this Association. Student members shall enjoy all the privileges of this Association except those of holding office and chairing committees.

ARTICLE V: ELECTION OF OFFICERS

Section 2. The Executive Council shall have the power to fill any vacancies within its membership occurring after the annual fall election of this Association. In the event of a vacancy in the office of president, the president-elect ~~or past president~~ shall assume the president's duties and responsibilities ~~but shall retain his or her current office~~. In the event there is no President-Elect, the Past President will serve in interim until a special election can be held to complete the remaining presidential term of office. If there is no president elect or past president, the board will appoint an interim president from within its ranks until a special election can be held.

Section 3. Elected on the odd numbered years are these officers: president-elect, secretary, parliamentarian, vice-president for middle school, and vice-president for high school ~~two vice-presidents~~. Elected on the even numbered years are vice-president for elementary schools and vice-president for college ~~two vice-presidents~~, the National Council of Teachers of Mathematics Representative, and the community relations representative.

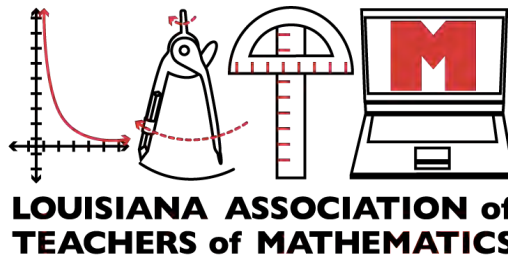
Proposed Amendments to the LATM By-Laws

ARTICLE II: DUES

Section 2. The annual dues for active membership in this Association shall be ~~ten dollars~~ (\$15.00) ~~(\$10.00)~~ per membership year, payable to LATM.

LATM Executive Council		
Jeremy Muse President musej@apsb.org	Maudry Alfred Membership Chair maudry.alfred@cpsb.org	Tina Armand LCSM Representative tarmand@avoyellespsb.com
Maryanne Smith President Elect smith70471@yahoo.com	DesLey Plaisance Community Relations desvp@aol.com	Jean Ware NCTM Representative jware@caddo.k12.la.us
Beth Smith VP Colleges bsmith@ulm.edu	Carolyn Sessions LDE Representative carolyn.sessions@la.gov	Pam Martin NELATM Representative pmartin@ulm.edu
Sharon Thomas VP High Schools stthomas31@cox.net	Jeffrey Weaver Parliamentarian jtweaver81@hotmail.com	Tonya Evans NLMA Representative tevans@caddo.k12.la.us
Michelle Conner VP Middle Schools michelle.conner@cpsb.org	Suzanne Moyers Newsletter Editor smoyers@bellsouth.net	Ellen Marino SEATM Representative ellen.marino@stpsb.org
VP Elementary Schools Unfilled	Cat McKay ACTM Representative cmckay7930@earthlink.com	Kay Kussman SWLTM Representative kkussman@mail.mcneese.edu
Jan Latino Secretary jan.latino@stpsb.org	Ellen Daugherty BRATM Representative edaugh1@lsu.edu	Jean May-Brett Presidential Awards Coordinator jean.may-brett@la.gov
Neil McAnelly Treasurer mcanelly@math.lsu.edu	Joan Albrecht GNOTM Representative joan.albrecht@jppss.k12.la.us	Suzanne Buras Web Site Editor saburas@bellsouth.net

Professional Development



Incorporating Literacy Strategies in the Mathematics Classroom *LATM Sponsored Professional Development Workshop!*

Want to know how to effectively incorporate the literacy strategies found in the *Louisiana Comprehensive Curriculum* in your mathematics classroom?

This workshop is designed for all mathematics teachers in grades K-12. Strategies will be modeled and tips provided. Presenters are teachers who developed the mathematics curriculum and have had intensive training in the use of content area literacy strategies.

Thursday, July 24th, 2008
Jefferson East Conference Room
227 N. Jefferson
Covington, LA 70433



8:30 a. m. - 9:00 a. m. Registration
9 a. m. - Noon Workshop

E-mail Stacey Magee at stacey.magee@stpsb.org to register or for additional information.

Workshop is *complimentary* to LATM members.
Non-members may participate by paying the LATM membership fee of \$10 at the door.

LATM is a Partner Affiliate of the National Council of Teachers of Mathematics.

Louisiana MSP Program 2008-09

The annual MSP Administrative meeting and workshop was held April 30-May 2, 2008 in Baton Rouge. Training in Mathematics Curriculum Topic Study and formative assessment using student probes was provided to the participants by staff from the Maine Math and Science Alliance.

Funded for the 2008-09 cycle are 10 high school Algebra I Physical Science projects and 18 elementary projects focusing on 3rd and 4th grade math and science. The projects will form partnerships that work with 42 school districts, 11 institutes of higher education and 6 community resource facilities.

Teachers in the MSP program will attend summer content institutes and participate in school year follow-up sessions. Many MSP participants will be attending the fall LATM conference through funding provided by the grant.



Pictured left: Julie Nall, math specialist for Central; Lynne Tullos, math coordinator for LaSIP; and Monica Mitchell, elementary math specialist in East Baton Rouge Parish.



Pictured right: Michael Dausat, EBR Secondary Math Specialist, and EBR MSP project instructors Cindy Sullivan of LSU and Lindsey Waddell from SLU.



Left: Nell McAnelly, co-director of the LSU Cain Center; DesLey Plaisance, Nicholls State University math instructor; and Emily Rash, Monroe City Schools math specialist and LCSM President.

Right: Anne Holcomb of Franklin Parish, Michael Broome from ULM, and Rebecca Duncan of Richland Parish.



More relaxed setting (below): Lee Price and Vic Schneider of ULL and Penny Gennuso math specialist in Lafayette Parish.



Mathematics Education

The Educational Materials section of NASA's Web site offer classroom activities, educator guides, posters and other types of resources that are available for use in the classroom. Materials are listed by type, grade-level and subject. The following items are now available for downloading:

Calculator-Controlled Robots: Hands-on Mathematics and Science Discovery Educator Guide - Grades 6-9

This guide provides activities for using calculator-controlled robots over the course of one semester. Students create programs in TI-BASIC to run Norland Research calculator robots. Missions are built sequentially on the knowledge of previous activities. The first missions have step-by-step programming instructions that gradually lead students to create their own programs in later missions. Students use and apply math and science concepts to direct their robots through a variety of challenges.

http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/Calculator-Controlled_Robots.html

Additional Video Learning Clips Added

The educational video clips listed below have been added to the Videos section of the NASA Educational Materials site. Click on the link below each list of video clips to access the videos online.

Designed for students in grades 5-8, these video clips from the **NASA CONNECT™: Functions and Statistics: Dressed for Space DVD** show viewers how NASA engineers and researchers build on past spacesuit technologies and use functions and statistics to create the next generation of spacesuits for the International Space Station and beyond. Titles in this series: What Is Atmospheric Pressure? -- The Construction and Design Elements of Spacesuit Technology. -- The Importance of Spacesuit Fitting and Sizing: One Size Does Not Fit All. -- Hands-on Activity in Spacesuit Design.

http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/What_is_Atmospheric_Pressure.html

Targeting students in grades 5-8, these video clips from the **NASA CONNECT™: Geometry and Algebra: The Future Flight Equation DVD** show students how NASA engineers develop experimental aircraft. Viewers learn about the Hyper-X Research Vehicle, an experimental plane that uses scramjet engine technology to propel itself to 10 times the speed of sound. Students will understand how the Hyper-X is part of the Future Flight Equation and observe NASA engineers using geometry and algebra when they measure and design models to be tested in wind tunnels.

Titles in this series: -- NASA's Experimental Plane: What It Is and What It Does.-- The Process Involved in Aircraft Design.-- Hands-on Aircraft Design Activity.-- Preparing for Flight: Testing the Hyper-X.-- NASA's Plane Math Online Activity.

http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/NASAs_Experimental_Plane.html

The video clips in the **Liftoff to Learning: Microgravity DVD** series are designed for students in grades 5-12. These clips focus on four scientific disciplines in microgravity studies: fluid physics, materials science, biotechnology and combustion. Experiments within these disciplines explore how the effects of buoyancy-driven convection and sedimentation, seen in ground-based laboratories, are diminished in space, allowing scientists to expand their knowledge in these areas. "Microgravity" describes the restrictions that gravity imposes on scientific experimentation and how they can be greatly reduced in the exciting research environment of the space shuttle and later on in the International Space Station.

Titles in this series:-- The Constant Pull of Gravity: How Does It Work?-- What Is Microgravity?-- Simulating the Low-Gravity Conditions of Space in the Lab.-- The Role of Microgravity in Scientific Research.-- Fluid Physics Experiments in Space.-- Biotechnology Experiments in Space.-- Materials Science Experiments in Space.-- Combustion Experiments in Space.

http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/The_Constant_Pull_of_Gravity.html

Designed for students in grades 5-12, these video clips from the **Liftoff to Learning: Mathematics of Space -- Rendezvous DVD** address the basic mathematical operations of spacecraft rendezvous in Earth orbit. Middle school mathematics students solve problems that occur when the space shuttle docks with the Russian space station MIR.

Titles in this series: -- Importance of Mathematics in Space Exploration: Calculating a Rendezvous. -- Calculating Time in Space: Mir's Rendezvous Over Moscow. -- Setting Up the Mir Rendezvous Positioning Problem. -- Solution to the Mir Rendezvous Positioning Problem. -- How an Increase in Velocity Can Change the Altitude of an Object in Space. -- Determining the Velocity Increase Needed for a Successful Rendezvous in Space.

http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/Importance_of_Mathematics_in_Space_Exploration.html

NCTM NEWS

Check Your Calendar **2009 NCTM Annual Meeting and Exposition** **Equity: All Means ALL**

Washington, D.C. - April 22-25, 2009

This is an event you can't afford to miss! You'll learn how to improve your mathematics teaching, view the latest products and services in the Exhibit Hall and NCTM Bookstore, network with colleagues from around the world, as well as explore the rich history of our Nation's Capitol. Online conference registration and hotel reservations will open in November, 2008.

Sessions at the NCTM 2009 Annual Meeting and Exposition cover teachers of all grades, from pre-kindergarten to grade 12, as well as higher education and teacher educator issues.

For more information on the sessions, visit <http://www.nctm.org/annual.aspx>

LATM Membership Form

All information provided is confidential and not available to outside sources without the express written permission of the LATM Executive Council. Please PRINT or TYPE. Use the address (school or home) at which you wish to receive LATM correspondence.

Name _____

Street Address: _____

City/State/Zip: _____

LATM needs at least one working e-mail address. This allows us to get information to you quickly.

E-mail address 1: _____ E-mail address 2: _____

School Name _____ Parish _____

Home Phone (_____) _____

Annual Dues: \$10.00 _____ *Full time, Non-teaching Student:* \$5.00 _____

Renewal New Membership

**Make checks payable to LATM. Mail membership form and check to:
Maudry Alfred, Calcasieu Parish Schools – C&I, 600 South Shattuck Street,
Lake Charles, LA 70601.**



LATM

Suzanne Moyers
198 Arthur Avenue
Shreveport, LA 71105

Inside News:

- LATM Fall Conference Registration Forms
- Extended Session Offerings
- Speaker Proposal Form
- Hotel Information
- Affiliate Updates