

THE NUMBER LINE

April 2010

www.lamath.org



Message from the President of LATM

It is hard to believe that it is April. Testing is finished and the school year is almost over! There is still much to be done.

This is the first issue of the *Number Line* published and distributed solely in electronic format. In addition, we will begin archiving past issues of the *Number Line* on the Louisiana Association of Teachers of Mathematics website at <http://lamath.org>. They will be available for access at any time.

Each year LATM is pleased to be able to honor outstanding mathematics teachers across our state. Overall winners and finalists in each category are recognized at the LATM Conference Banquet. In 2010, the recognition will take place during the NCTM Regional Conference. Completed applications are due by May 7, 2010. LATM Teacher Awards information has been distributed to all school principals and appropriate college officials through a mass mailing. All LATM members received an email with information regarding nominations and submissions. Each school is encouraged to nominate one teacher. Those teachers will complete and return the application forms.

High School seniors are encouraged to submit applications for the LATM Carol Meyer Scholarships. Two \$500 scholarships are awarded each year to outstanding students who plan to major in mathematics, mathematics education, elementary education, or educational technology. High school guidance counselors around the state received this information in mid-March. LATM members also received this information via email. Please remember the deadline is Friday, May 23.

As part of the **Common Core State Standards Initiative (CCSSI)**, the draft K-12 standards are now available for public viewing. These draft standards, developed in collaboration with teachers, school administrators, and experts, seek to provide a clear and consistent framework to prepare our children for college and the workforce.

This common core of state standards has been developed in English language arts and mathematics for grades K-12. Visit <http://www.corestandards.org> to view the latest draft. Note that the commenting period will be over by the time you receive the newsletter. The LATM Board submitted official feedback to LDE for the state's response, as did nine other organizational groups. Feedback was generally positive but suggestions for revisions were made by all groups. The final version is expected to be out in late May. BESE will vote on adoption in June.

There will be no LATM Conference this fall. Instead the 2010 NCTM Regional Conference will be held in New Orleans on October 28-29, 2010. Please let your administrators know now to mark these dates on the school calendars, and you should make plans to attend. To ensure success for this conference, we need the support from LATM members throughout the state. Volunteers are needed to meet the high demand for presiders, guides, etc., throughout the conference. Please contact Joan Albrecht (joan.albrecht@jppss.k12.la.edu) to offer your services. She is serving as the Coordinator for Volunteers. Remember that by serving as a presider for a session, you are guaranteed a seat in your session.

I hope that your 2009-2010 school year has been both productive and fulfilling.

Maryanne Smith, President LATM
maryanne.smith@stpsb.org



Join us for the NCTM New Orleans Regional Conference and Exposition October 28-29, 2010

Mark your calendars for Thursday, Oct. 28 and Friday, Oct. 29, 2010 because that is when the NCTM Regional will be taking place in New Orleans. Annette Breaux will be the keynote speaker. If you would like to volunteer to help out, please go to www.lamath.org and sign up and get more info! Registration for the conference will be open some time in May! (www.nctm.org)

Why attend?

The conference will provide two days of quality professional development. Presentations and gallery workshops are led by some of the best math teachers and education experts in the country and will provide new ideas and inspiration. There's something for everyone, whether you're a classroom teacher, administrator, preservice or new teacher, curriculum planner or department chair.

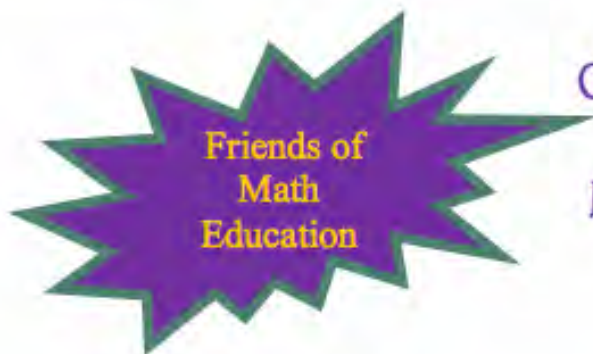
Conference attendees will:

- * Choose from over 200 hands-on gallery workshops and presentations covering a variety of themes
- * Discover and evaluate new teaching products and services in the Exhibit Hall
- * Participate in one-on-one networking with their peers, colleagues, and exhibitors
- * Receive handouts and activities to use in the classroom and share with colleagues
- * Explore different learning styles and intervention strategies
- * Have the opportunity to browse and purchase educational materials in the NCTM Bookstore

Sharpen your skills, work smarter, learn new techniques, and more!



Newly Renovated Ernest N. Morial Convention Center



CELEBRATE MATHEMATICS
with the
National Council of Teachers
of Mathematics!



VOLUNTEER NCTM 2010 NEW ORLEANS!
CALLING MATH TEACHERS AND FRIENDS!
YOUR HELP IS NEEDED!

Name: _____

Address _____

City _____ State _____ ZIP _____

Telephone & Area Code _____

E-Mail: _____

Interested in volunteering? Contact: Joan Albrecht

Jefferson Parish Public School System

501 Manhattan Blvd

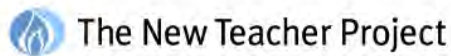
Harvey, LA 70058

(504) 349-8913

joan.albrecht@jppss.k12.la.us

Laissez Les Bon Temps Rouler!

Louisiana Practitioner Teacher Program



MEMORANDUM

TO: Experienced Science & Math Educators

FROM: Louisiana Practitioner Teacher Program (LPTP)

RE: Seminar Leader Positions- Earn over \$5,500 in stipends

Louisiana Practitioner Teacher Program (LPTP) is recruiting 2010-2011 math and science Seminar Leaders (SL) for its alternate certification program, which serves TFA, teachNOLA, Louisiana Teaching Fellows, and Teach Baton Rouge in the New Orleans, Shreveport and Baton Rouge areas. SLs lead seminars two evenings per month during the school year for these first year public school teachers. Seminars are focused on content-specific teaching strategies.

SLs are outstanding public school teachers with three or more years of teaching experience. SLs will be responsible for implementing the Teaching for Results (TfR) curriculum over 18 sessions. SLs will receive a \$5,600 stipend for leading the 18 content sessions and attending SL training.

This is an excellent opportunity for experienced math and science teachers to share their own best practices integrated into the TfR curriculum.

If you are a strong experienced Science or Math teacher who might be interested in this opportunity please contact:

Lora Johnson, Senior Training & Instruction Manager, at ljohnson@tntp.org for teachers in the New Orleans area

Domenica Sutti-Vela, Training & Instruction Manager, at dsutti-vela@tntp.org for teachers in the Shreveport area

Diana Leonardo, Training & Instruction Manager, at dleonardo@tntp.org for teachers in the Baton Rouge area

We are currently recruiting multiple Content Seminar Leaders for the following content areas:

- Middle School Math
- High School Math
- Middle School Science
- High School Science

*Deadline to submit SL applications is April 30th.

If you would like to learn more about The New Teacher Project's mission, please visit our web site at www.tntp.org. The New Teacher Project is an Equal Opportunity and Affirmative Action Employer.

Louisiana Department of Education Update

Carolyn Sessions, LDE Representative

Louisiana Feedback: K-12 Common Core State Mathematics Standards March 2010 Public Draft

The Louisiana Department of Education solicited formal input from ten groups for the state's official response to the K-12 Common Core Standards for Mathematics. These groups included teacher unions, the LATM board, a standards advisory committee consisting of K-12 mathematics educators from across the state, the state school boards association, local school districts, and the state principals association. Reviewers responded to a series of questions addressing format, language, content, and rigor. Face-to-face meetings, teleconferences, and/or written responses were used to gather the input. A brief summary of the feedback is provided below.

Format

The format consistently received favorable reviews. The reviewers recommended adding a uniform numbering system.

Language

Concern was expressed that much of the language in the K-8 standards is very technical. Those without specific mathematical certification would need assistance in interpretation of some standards. The reviewers suggested the glossary be expanded.

Content

The reviewers commented favorably on the reduction of the number of standards noting that this will permit an in-depth study of content. Reviewers liked the designation of STEM (science, technology, engineering, and math) standards in high school. Some gaps were identified, and there was some concern about developmental appropriateness of some standards. More information on how middle school students who take Algebra I could also meet the prerequisite Grade 8 standards was requested.

Rigor

The reviewers deemed the rigor to be appropriate and reasonable in light of the fact that a more in-depth study of the topics will be possible. There was recognition that the standards are generally placed one grade earlier than the placement of our current standards. These standards will stretch our students, but they are attainable.

Other

Many voiced the need for extensive professional development to help teachers transition to the new standards.

The public review draft documents can be viewed at www.corestandards.org. The mathematics standards consist of an Introduction, the K-12 Standards, and an appendix. The final version of the standards is expected to be available in late May 2010.

Louisiana Department of Education Update

Common Standards Implementation Timeline

The most frequently asked question about Common Standards is, "Do we start teaching Common Standards in 2010-11 if BESE adopts them this summer?" The answer is "No." Once Common Standards are adopted, both assessments and the *Comprehensive Curriculum* will be revised to align with the Common Standards. Common standards, revised assessments, and the new curriculum will be implemented at the same time. The current standards, assessments, and curriculum for mathematics are expected to be in place for at least another two school years.

Update on Career Diploma Courses

All districts are required to offer the Career Diploma curriculum beginning in school year 2010-2011. The Department has contracted with outstanding teachers to develop two mathematics courses for this curriculum. Rebecca Runnels (the Runnels School) is writing *Applications in Statistics and Probability*. Christina Knight (Zachary High School) is assisting by aligning the activities with Career and Technical Education standards and reviewing the incorporations of career applications. Rose Kendrick (Glen Oaks Middle Charter) is creating *Remediation Math*, a course required of all students who do not pass the math portion of the 8th grade LEAP. These courses will be posted this summer on the Department's website as part of the *Louisiana Comprehensive Curriculum*. A third course, *Medical Math*, is also to be developed and will be available at a later date.

2010 State Science & Engineering Fair Winners

The Louisiana Science and Engineering Fair (LSEF) is open to middle and high school students all around the state. Students compete to advance from their school-level fairs to a regional fair, and then to the Louisiana statewide event. Top Senior Division winners from around the state have the opportunity to take part in the Intel International Science and Engineering Fair (ISEF).

Winners of LATM Awards in the Junior and Senior Divisions of the Mathematical Sciences category were:

Junior Division

1st Place	Neil F. Nathan
2nd Place	Garrett T. Tobin
3rd Place	Lisa Kam

Senior Division

1st Place	Joy Shan
2nd Place	Sean J. Nathan
3rd Place	Preksha Chowdhary

Online Mathematics Program Open House

Nicholls State University will host its first Mathematics Graduate Program Open House for Secondary Teachers. The Open House will be held Saturday, May 8, 2010, from 10 a.m. until 12 noon in the Captain's Room of the Nicholls State University Student Union. Attendees will start the morning with a short presentation about the degree program – a program that is ideal for secondary teachers who want to increase their content knowledge and have the flexibility of learning on their own schedule! In addition, participants will have the privilege of listening to an enlightening talk titled "Proof: Why *WHY* Matters" by Dr. Brian Heck.

All teachers will receive a small gift and a certificate of attendance to be used for continuing learning units. Refreshments will be served and there will be great door prizes.

If you are interested in attending, please RSVP by emailing Dr. DesLey Plaisance at desley.plaisance@nicholls.edu. A campus map will be sent providing location and parking information.

Math Science Partnership (MSP) Conference

The U. S. Department of Education held a Regional Math Science Partnership (MSP) Conference in New Orleans March 29-31, 2010. Pictured here are conference participants from the East Baton Rouge area who are in the MSP East Baton Rouge Public School System and Central Community School partnerships with LSU. The districts have elementary projects for third and fourth grade teachers of math and science.



Pictured (Left to Right): Jeffrey Weaver, Nell McAnelly, Cindy Sullivan, DesLey Plaisance, Greg Sollie, Brenda Nixon, Julie Nall, Katie Blunschi.

Affiliates in Action

Baton Rouge Area Council of Teachers of Mathematics (BRAC TM) **"Pizza, Puzzles and Prizes"-Final Membership Meeting**

To close the year, we have one final membership meeting planned. Once again it will be held on the BRCC campus in the Magnolia building. Mark your calendar for Monday, April 26. Dinner will be served beginning at 4pm and then followed by our meeting at 4:30. The theme for the night is "Pizza, Puzzles and Prizes" so expect just that! We will also conduct our annual election for new officers.

Any questions or comments? Contact **Ellen Daugherty**, BRAC TM President at edaugh1@lsu.edu.

Greater New Orleans Teachers of Mathematics (GNOTM)

For information on future GNOTM events visit our web site, <http://gnotm.org>, or contact Joan Albrecht at joan.albrecht@jppss.k12.la.us.

Louisiana Council of Supervisors of Mathematics (LCSM)

To join the LCSM mailing list or receive membership information, please send contact information to **Stacey McGee**, Secretary, at stacey.magee@stpsb.org, or **Emily Rash**, President, at emily.rash@mcschools.net.

Northeast Louisiana Association of Teachers of Mathematics (NELATM)

NELATM held its 4th annual mini-conference on February 27th, 2010, at the University of Louisiana at Monroe. There were 30 sessions (10 per hour) with 264 people attending. We thank all those who helped with planning and presenting. Our last meeting for this year was held on April 13th, 2010.

Please visit our web site (nelatm.org) for more information.

Northwest Louisiana Association of Teachers of Mathematics (NWLATM)

The Northwest Louisiana Mathematics Association Winter Conference, **Let's Celebrate Mathematics!** was held on February 27, 2010 at LSU-Shreveport. The keynote speaker was Debbie Silver, celebrated author and award winning teacher. Over 400 educators were in attendance. The recipients of the Outstanding Contribution to Education Award were Burnadine Anderson and Mike Rabourn. Four Caddo Parish schools were recognized for their high percentage of mathematics teachers in attendance at the conference: Oak Park Microsociety, Sabrina Brown - principal; Mooretown Elementary, Melvin Ashley - principal; Queensborough Elementary, Beverly Cole - principal; and Sunset Acres Elementary, Stacey Jamison principal.

SouthEast Area Teachers of Mathematics (SEATM)

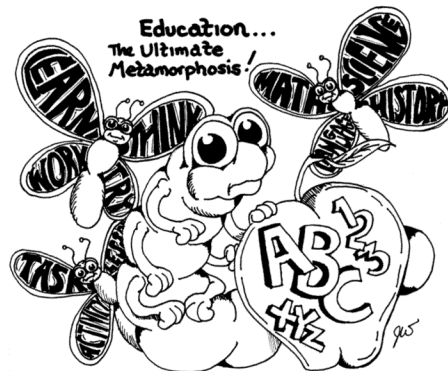
SEATM recently held their Spring Math Fair. Teachers from three different parishes attended. Participants were able to attend presentations in three different grade bands: K-3, 4-6, and 7-12.

We are busy preparing for our annual Teacher Recognition Dinner, which we be held on Wednesday, April 28th at Bosco's Restaurant in Mandeville. All teachers in our area who achieved 2009 National Board Certification, LATM Math teachers of the year, Presidential finalists, PTA Educators of Distinction and individual schools Teachers of the Year are invited to the dinner meeting. Each will be recognized with a SEATM Certificate, dinner, and a "Super Teacher" T-shirt.

April is Mathematics Awareness Month

The Mathematical Association of America, along with the American Mathematical Society, the American Statistical Association, and the Society for Industrial and Applied Mathematics have announced that the theme for Mathematics Awareness Month, April 2010, is "Mathematics and Sports." Mathematics Awareness Month is held each year in April. Its goal is to increase public understanding of and appreciation for mathematics. Sports offer a cornucopia of instances involving data, strategies, and chance, each of which is perfectly suited to mathematical analysis. Beyond the obvious uses of mathematics for things such as rating baseball players and football quarterbacks, mathematics is used to design the dimple patterns on golf balls and the composition of racing tires; it is used for scheduling tournaments and for ranking teams; and it is used to determine tactics and to predict the ultimate limits in sports records.

Activities for Mathematics Awareness Month are generally organized by college and university departments, institutional public information offices, student groups, and related associations and interest groups. They include a wide variety of workshops, competitions, exhibits, festivals, lectures, and symposia. The 2010 Mathematics Awareness website has articles on baseball, basketball, football, golf, soccer, track and field, tennis, and car racing, as well as videos and links to other resources, at www.mathaware.org.



Write For Your LATM Journal

Did you know that LATM has its own journal? The *LATM Journal* is a peer-reviewed online publication of the Louisiana Association of Teachers of Mathematics. The purpose of the journal is to provide an appropriate vehicle for the communication of mathematics teaching and learning in Louisiana and across the world.

Through the *LATM Journal*, all teachers of mathematics may share their mathematics knowledge, creativity, caring, and leadership. Do you have an innovative teaching idea that you think other teachers could benefit from in their classroom? Share your knowledge with teachers everywhere.

Visit the *LATM* website (<http://lamath.org>) and read the newest issue of the *LATM Journal*.



2010 Outstanding Mathematics Teacher Award

Part I – Personal Information (please type or print neatly)

Name: _____

Home Address

Street: _____

City: _____ State: _____ Zip: _____

Home Phone: () _____ Mobile Phone: () _____

Home Email: _____

School Information

School Name: _____

Principal/Supervisor's Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Telephone: () _____ Fax: () _____

School Email: _____

Grade Level (please check the grade level for which you are being nominated):

Elementary

Middle School/Junior High

High School

College/University

School System Information

(for those in the College/University category, please give your institution information and President's name)

Superintendent's Name: _____

School System: _____

Street: _____

City: _____ State: _____ Zip: _____

Telephone: () _____ Fax: () _____

Applicant's Signature: _____ Date: _____

Nominator's Signature: _____ Date: _____

Part II: Professional Activities

Years of Teaching Experience: _____

Grade(s) Currently Teaching: _____

Educational Background (if more space is needed, please continue on the back of this page)

Universities or Colleges Attended	Degree Awarded	Dates Attended



2010 Outstanding Mathematics Teacher Award

Professional Development: List all mathematics related professional development activities you have participated in for the last two years (e.g. LaSIP, MSP, workshops professional conferences). If more space is needed, please continue on the back of this page.

Professional Development Activity	Dates Attended

Professional Organizations: List all professional organizations for which you are a current member (if more space is needed, please continue on the back of this page).

Professional Organization	Years of Membership

Part III – Professional References

Please secure two letters of recommendation. One letter should be from your principal or a supervising administrator. Letters should not exceed one typed page.

Part IV – Professional Reflections

Directions: Your response to the statement below should be double-spaced, typed on 8 ½” by 11” pages, and limited to two pages. Use an appropriate 12-point font and one-inch margins. Any responses exceeding two pages will be disqualified.

The reflective statement below is designed to afford you an opportunity to discuss your career as a mathematics teacher. Please share any information that you feel will provide an accurate picture of you and your classroom.

Show evidence of how your teaching style reflects your philosophy about how students learn mathematics. Discuss how your classroom practice is standards-based, innovative and unique. Give insight of how students are actively engaged and how individual learning styles are addressed in your classroom. Feel free to cite anecdotal evidence.

All four (4) parts of this application must be completed and submitted if the application is to be scored. Questions can be sent to maryanne.smith@stpsb.org. Please send your completed and submitted application and enclosures, no later than May 7, 2010, to: LATM, c/o Maryanne Smith, Post Office Box 538, Mandeville, LA 70470

An electronic version of this application can be found at <http://lamath.org> under the Awards link.



The Carol Meyer Memorial Scholarship Application

Please complete the application in black ink or type. Return completed application, a transcript, and two letters of recommendation to:
LATM Carol Meyer Scholarship Committee, 14384 Lake Tahoe, Covington, LA 70433.
Application deadline is April 23, 2010.

Applicant's Name _____

Home Address _____

Home Phone Number _____

High School Name _____

School Address _____

Principal's Name _____

Guidance Counselor's Name _____

Current GPA _____ ACT Score _____

College or University you are planning to attend _____

Degree/Course of study you are planning to pursue _____

Career Goals: _____

Awards and Honors: _____

Extracurricular Activities/Community Service _____

An electronic version of this application can be found at <http://lamath.org> under the Awards link.



The Carol Meyer Memorial Scholarship Application (continued)

Essay: Explain in 200 -300 words why you chose mathematics, mathematics education, elementary education, or technology as your planned area of study.

An electronic version of this application can be found at <http://lamath.org> under the Awards link.

Carol Meyer Scholarship

Rating Sheet

Name of Applicant _____

SCHOLARSHIP: GPA and ACT: 14 points

GPA:

4.0 - 3.7	7 points
3.6 - 3.3	6 points
3.2 - 2.9	5 points
2.8 - 2.5	4 points

ACT:

36 - 32	7 points
31 - 27	6 points
26 - 22	5 points
21 - 17	4 points

Points earned _____

Points earned _____

LETTERS OF RECOMMENDATION	10 points	Points earned _____
AWARDS and HONORS	3 points	Points earned _____
EXTRACURRICULAR ACTIVITIES	3 points	Points earned _____
ESSAY	10 points	Points earned _____
EVALUATION OF TRANSCRIPT	10 points	Points earned _____

TOTAL POINTS POSSIBLE: 50 TOTAL POINTS EARNED: _____

SELECTION: The award will be presented at either the recipient's High School Awards Day or at the LATM meeting at the NCTM Regional Conference. Proof of college registration will be required before scholarship is issued.

An electronic version of this application can be found at <http://lamath.org> under the Awards link.

LATM Executive Board

E-mail contacts for Officers and Local Affiliate Representatives...

Maryanne Smith President smith70471@yahoo.com	Beth Smith President-Elect bsmith@ulm.edu	Neill McAnelly Treasurer mcanelly@math.lsu.edu
Jeffrey Weaver VP Colleges jtweaver81@hotmail.com	Stacey Magee Secretary stacey.magee@stpsb.org	Jacob Hesselschardt Parliamentarian jacobhessel@yahoo.com
Penny Genuso VP High Schools mscromath@aol.com	Vicky Hand Membership Chair vicky.hand@cpsb.org	DesLey Plaisance Community Relations desvp@aol.com
Kay McInnis VP Middle Schools katlyn5mac@yahoo.com	Cat McKay ACTM Representative cmckay7930@earthlink.com	Ellen Daugherty BRAC TM Representative edaugh1@lsu.edu
Sabrina Smith VP Elementary Schools sabsmith@cox.net	Joan Albrecht GNOTM Representative joan.albrecht@jppss.k12.la.us	Emily Rash LCSM Representative erash@comcast.net
Carolyn Sessions LDE Representative carolyn.sessions@la.gov	Pam Martin NELATM Representative pmartin@ulm.edu	Jean Ware NCTM Representative jware@caddo.k12.la.us
Tonya Evans NLMA Representative tevans@caddo.k12.la.us	Jean May-Brett Presidential Awards Coordinator jean.may-brett@la.gov	Ellen Marino SEATM Representative ellen.marino@stpsb.org
Kay Kussman SWLTM Representative kkussman@mail.mcneese.edu	Suzanne Buras Web Site Editor saburas@bellsouth.net	Suzanne Moyers Newsletter Editor smoyers@bellsouth.net

New Orleans



Meet us in New Orleans for the
NCTM New Orleans Regional Conference and Exposition
October 28-29, 2010



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: \$15.00 _____ *Full time, Non-teaching Student:* \$5.00 _____

Renewal

New Membership

Make checks payable to LATM. Mail membership form and check to:

***Vicky Hand, Calcasieu Parish Schools – C&I
600 South Shattuck Street
Lake Charles, LA 70601.***

An electronic version of this document can be found at <http://lamath.org>
