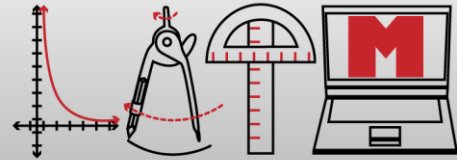


THE NUMBER LINE

September 2020

www.lamath.org



LOUISIANA ASSOCIATION of
TEACHERS of MATHEMATICS

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profession!

Click above or visit www.facebook.com/Lamathteachers to "LIKE" our Facebook page.

PRESIDENT'S MESSAGE

Louisiana educators are resilient. But, it hasn't been easy. We are figuring out how to bring smiles to our students' faces even through a mask. We are "building the plane as we fly." We are forging forward through this, together. On top of this, many of our state's teachers faced another roadblock- Hurricane Laura. LATM sends our love and support to our teachers around the state effected by this event. We know your recovery will not be easy.

With so much uncertainty, LATM is working to support you in making your school year as effective as possible. Recently, we asked our membership to participate in a survey of your professional development needs. We thank you so much for your feedback and are currently evaluating the responses and coming up with our plan to support our teachers. Meanwhile, stay connected through our LATM Facebook page, we will be posting mini PD's provided by our LATM Board Members. These short videos will address a wide range of topics from Google Classroom to Facilitating Math Discourse in a Virtual World and more.

We are also looking forward to "seeing" you at our **LATM Outstanding Teachers Awards Ceremony**. The virtual event will take place via Zoom on **November 2 at 6:30 pm**. Trena Wilkerson, NCTM President, will be our guest of honor! We will be presenting the LATM Outstanding teacher awards to very deserving elementary, secondary and new educator. More information will be sent to our membership prior to the event.

We are also excited to announce that LATM and LSTA will be holding their state conference in Lafayette in the Fall of 2021. We are looking forward to preparing a quality program that will bring together educators from around the state.

Finally, I would like to officially welcome our Regional Representatives to the LATM board. These educators will hone in on a particular region's needs and help spread the offerings of LATM. You will find their information later in the newsletter.

Above all, I wish all the best to you and your families and hope you have a wonderful start to the school year however that may look.



Trisha Fos

Trisha Fos
LATM President
tfos1@lsu.edu

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LATM Board Nominations & Conference Reflections

LATM Slate of Executive Board Officers

The Nominations Committee presents to the membership the following slate of officers, approved unanimously by the LATM Executive Board:

Leann Vinson (St. Tammany Parish) - Vice President of Elementary Schools

Heather Williams (Caddo Parish) - Parliamentarian

If you have additional nominations to the Executive Board, please email them to Christen Timmins at christen.timmins@stpsb.org no later than **Friday, October 23, 2020** so that the ballot can be prepared for voting in November. All nominees should have agreed to serve, attend all Executive Council meetings, and be a current member of LATM. Information about voting will be forthcoming.

Conference Reflections Publication

We are excited to announce that the second issue of *Conference Reflections* is now available! This publication features five mathematics presentations from the "STEMulate Your Mind" 2019 LATM/LSTA Joint Conference. The presentations are listed below.

- "Get Moving with Math" by **Amanda Coffill**
- "Deeper Learning with Instructional Technology" by **Seana Smith**
- "Teaching Engineering in the 21st Century" by **Vanessa Begat, Victoria Hogan, and Jaquincia Williams**
- "Active Engagement in the Low-Tech Classroom" by **Mary Bissell**
- "Did I Really Just Flip This Classroom?" by **Cecilia Gillam**



Each presentation will have a summary of the presentation, bio of the presenter, as well as the materials used during the presentation. [Click here](#) to access the Issue #2 of the Conference Reflections. Be sure to check out these amazing presentations and learn from your fellow math teachers!

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2021 LATM/LSTM Joint Conference



LATM and LSTA Joint Math and Science Conference will be held in
Lafayette in the **Fall of 2021**.

We can't wait to see you again!

-Conference Co Chairs
Trisha Fos and Shauna Leblanc



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find out what is
happening with your
organization and
profession!

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Presidential Award for Excellence



LATM extends congratulations to Margaret “Maggie” Acree from Sterlington High School in Monroe, La the 2019 Presidential Awardee for Excellence in Mathematics Teaching. The National Science Foundation (NSF) held a virtual announcement event of the 2019 PAEMST Awardees on August 3rd. With twenty years of experience Maggie is the Mathematics Department Head at Sterlington.



Currently we are in the process of accepting the applications for the 2020 PAEMST Award. The current cycle is an elementary one open to teachers of math, science, computer and engineering courses in grades K-6 who were nominated last spring. Applications from the teachers who completed the eligibility statements must be submitted by October 26, 2020.

During November the State Selection Committee (SSC) will review all the submitted application materials and select up to three state finalists in the mathematics category. All applicants will receive feedback from the SSC. The state finalists will have a two-week window to prepare and submit an optional addendum to address the SSC comments and questions.

With the extreme disruption to the spring semester any teacher who was nominated but failed to complete the eligibility statement now interested in completing the process should contact the state coordinator or NSF to have the portal opened for continued work during this cycle.

The nomination process for the 2021 PAEMST cycle will open on November 1, 2020. Next year’s cycle is for secondary (grades 7-12) teachers of mathematics, engineering and computer science courses. Please contact Jean May-Brett jam05@bellsouth.net for further information on LA’s PAEMST program.

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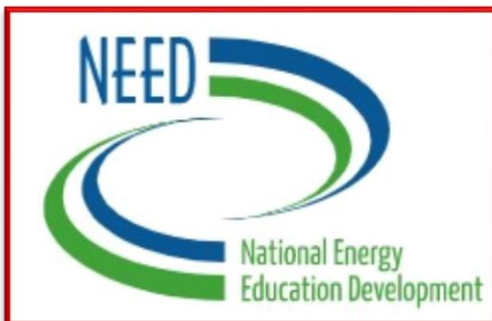
Opportunities for Teachers

The Louisiana Science, Technology, Engineering and Mathematics Advisory Council

The Louisiana Science, Technology, Engineering, and Mathematics Advisory Council (LaStem) is tasked to coordinate and oversee the creation, delivery, and promotion of STEM education programs, to increase student interest and achievement in the fields of STEM, to ensure the alignment of education, economic developments, industry, and workforce needs, and to increase the number of women who graduate from a postsecondary institution with a STEM degree or credential. The council is composed of leaders from around the state both, in education and industry. Trisha Fos serves as the LATM representative on the board. The Advisory Council meets quarterly. Take some time to explore the Louisiana Science Technology Engineering and Mathematics Advisory Council's (LaSTEM) official website. The site is a tremendous resource for educators, students and parents. It houses a wealth of information ranging from implemented programs, statistics, educator resources and grant opportunities to the latest news and developments in STEM industries. Click [here](#) to visit the site.



NEED Energy Workshops



The National Energy Education Development Project is hosting live online virtual professional development. Our virtual workshops are inspired by the same mission and goals as our in-person trainings. These interactive workshops are designed to improve one's own energy knowledge as a consumer, to provide hands-on lessons and activities, and to learn new strategies to engage students in a distance learning environment by sharing hints, tips and tools for teaching in today's classroom.

One-day workshops are provided throughout the school year. Join us! View upcoming workshops [here](#).

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The Statistics in Schools Programs (SIS) of the U.S. Census Bureau

The SIS program provides data, tools, and activities educators can incorporate into their lessons to help teach students statistics concepts and data analysis skills. The activities and resources are organized by subject (English, geography, history and social studies, mathematics and statistics, and sociology) and grade (PK-12).

- SIS activities are standards based connected to the foundational knowledge and skills students should have at certain grades
- All SIS activities were developed by teachers for teachers.



SIS provides over 100 activities to enhance learning in different grades and subjects. These activities are all free and available on the SIS website.

- Pick a subject or grade level to see what activities are available, and get details such as learning objectives, relevant topics, and skills taught.
- Select and download the activities you want.
- All activities include a list of materials, a student worksheet, and teacher directions.

New activities spotlight the 2020 Census and the importance of making sure everyone is counted, especially children. [Click here](#) for more information.

International Science and Engineering Fair



Have you listened to science colleagues talk about the International Science and Engineering Fair (ISEF) but never asked/thought what it might mean for your math students? There is a Mathematics Category in both junior and senior divisions and it could mean cash prizes and future scholarships for students. Unfortunately, the Mathematics and Systems Software categories have always had low numbers of entries at the regional, state and national levels of the ISEF in both divisions. At times the prizes in these categories get shifted to the use of math, data or statistics in a science project. This might be a great year to kick start some student research projects and propel students to the state and international SEF. In addition to having the opportunity to be a part of this experience, LATM also

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provides three cash prizes for Mathematics projects in both the junior and senior division at the Louisiana SEF. [Click here](#) for more information on how you and your students can get involved.

Webinar Series: Illustrating the Impact of Mathematical Sciences

The mathematical sciences play a critical role in advancing crucial innovations and improving our prosperity, health, and security. Join the National Academies of Science, Engineering and Medicine for a series of webinars featuring mathematicians telling the most important

stories of how math has made an impact, from precision medicine to climate science. This webinar series is part of a larger National Academies' study that will identify and illustrate the broad impact of the mathematical sciences. Learn more about the study [here](#). For access to past webinars within the series click [here](#).



Toshiba America Foundation Science and Math Improvement Grants



The foundation seeks to improve the quality of U.S. science and mathematics education by investing in projects designed by classroom teachers. Previously funded projects include materials for the hands-on study of environmental science issues, the implementation of innovative mathematics

curricula, and equipment for a teacher-designed curriculum. Depending on your grade level and requested grant amount application due dates may vary. Click [here](#) for more information on how you and your students can take advantage of this opportunity.

CYBER.ORG Technology Grants

We're here to remove barriers for teachers. If that barrier is classroom technology, this is the right place. [CYBER.ORG's](#) technology grant program is designed to support teachers and qualified extracurricular programs to provide cyber education to K-12 students in the United States. Grants are



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awarded based on the availability of funds, geographic representation, and demonstrated need, with preference for applicants who intend to use CYBER.ORG curriculum materials. Applications will be received continuously, and awards will be made during the first two weeks of December, March, and June.

Shell Regional Lab Challenge

Last spring 15 Louisiana teachers were celebrated as Shell Regional Lab Challenge Winners! Each Louisiana Shell asset (listed below) will recognize an outstanding elementary, middle, and high school teacher for their exemplary approaches to science lab instruction utilizing limited school and laboratory resources. This is an opportunity for you all that may teach both math and science and/ or valuable information to pass along to our colleagues.



- Elementary and Middle School Prize Winning Schools will each receive a lab makeover support package valued at \$10,000.
- High School Prize Winning Schools will each receive a lab makeover support package valued at \$15,000.
- Each teacher is limited to one application per year.
- Schools may submit an unlimited number of science teacher applications annually: each school is limited to winning two prize packages in total.

Shell Louisiana Assets and the parishes they serve.

- Convent, Louisiana (St. James Parish, Livingston Parish)
- Geismar, Louisiana (Ascension Parish, City of Zachary SD, City of Central SD, City of Baker SD, East Baton Rouge Parish)
- New Orleans, Louisiana (Jefferson Parish, Orleans Parish, Terrebonne Parish, Lafourche Parish, St. Tammany Parish, St. Bernard Parish)
- Norco, Louisiana (St. Charles Parish, St. John Parish)
- Port Allen, Louisiana (West Baton Rouge Parish)

Click [here](#) for the Shell Regional Lab Challenge Application. The application deadline is **January 22, 2021.**

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Quality Science & Mathematics Grant Program (QSM)

With attention to the confusion and disruption experienced last spring as the Coronavirus shut down the 2019-20 school year, the uncertainty and irregular nature of the start of academic year 2020-21 and aware of the destruction and suffering left behind by hurricane Laura the opening of the QSM application period has been delayed until later this fall.

The LSU Cain Center is developing the long requested QSM website with information on the application process, scoring rubric, Frequently Asked Questions and other grant writing resources. Announcement of the opening of the window for submissions and the deadline for application will be made by membership email distribution, posts on the association Face Book page, with the assistance of the LDOE, the E-blast network and other distribution systems.

The QSM grant program was established by R.S. 17:374 of the Louisiana Legislature in the summer of 1992 for the purpose of providing non-consumable instructional materials and equipment to public school teachers of courses aligned to the LSSM and LSSS. Grants of up to \$1000 for approved non-consumable instructional materials and equipment will be awarded on a competitive basis to individual classroom teachers to use in providing standards-based instruction to help meet state accountability goals. Applicants must show that their proposals will enhance the quality of instruction for regular education students



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Opportunities for Students

Carol Meyer Memorial Scholarship

The Louisiana Association of Teachers of Mathematics honors the memory of Carol Meyer, an elementary school mathematics teacher who died unexpectedly at an early age. Carol was an outstanding math teacher and a fervent worker on the LATM executive board. She loved mathematics and was a recipient of the Presidential Award for Excellence in Mathematics and Science Teaching. Every year, LATM awards two college-upperclassmen with the Carol Meyer Scholarship in honor of Carol Meyer. We would like to congratulate Madison Liner and Amber Peltier as the 2020 Carol Meyer Scholarship Recipients.



Madison Liner
Secondary Mathematics Education Major
Nicholls State University



Amber Peltier
Mathematics Education Major
Nicholls State University

Madison is a President's List Secondary Mathematics Education major at Nicholls State University. One of the comments found in a letter of support for her application states: "As current math club President, she is welcoming, organized and dedicated. In March we hosted almost 100 high school students to campus for a math competition and without her assistance, positive attitude, and organization it would not have gone nearly as smoothly."

Amber is majoring in mathematics education at Nicholls State University. She has been recognized as one of Nicholls Colonels Leaders and Scholars. In her application of why she chose a major in mathematics or education Amber wrote: "I love mathematics, and I love to show others how to love mathematics. Mathematics is more than just memorizing problems. It exercises one's brain and teaches one how to solve logical real-life problems. I cannot wait to teach this to others and develop professionally in this journey."

Congratulations Madison and Amber!

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LATM Regional Representative Spotlight

Region 1: Claudia Suazo



Claudia Suazo serves as the new Region 1 LATM representative which covers Jefferson, Orleans, Plaquemines, St. Bernard, and St. Charles Parishes. Claudia Suazo, an educator for 24½ years, is currently a Master Teacher at Terrytown Elementary for Jefferson Parish Public Schools and also serves as a Math Content Leader Fellow for the Parish. Prior to being a Master Teacher, she taught fourth and fifth grade math, science, and social studies at Metairie Academy for Advanced Studies for 12 years. She also has taught at Pittman Elementary and George Cox Elementary. She has served as a technology model classroom teacher, as a distinguished digital educator, as a member of the district's External Committee Assessment Review Team, and as a technology integration leader.

Claudia has presented at various national, state, and district professional development meetings and conferences, created educational blogs and videos, and mentored colleagues to improve their teaching practices. Claudia strongly believes in providing collaborative, engaging, and differentiated lessons that integrate technology to prepare students for success in the digital age.

Claudia's awards include receiving the 2016 Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST), the regional 2016 Elementary Teacher of the Year Award by the Louisiana Association of Computer Using Educators (LACUE), the LACUE 2016 State Elementary Teacher of the Year Award, and the LACUE 2012 Regional Educator of the Year Award. Claudia was named as a Distinguished Digital Educator and has twice received the Technology Model Classroom Grant. She has been Teacher of the Year for her school, has been a state winner for Disney Planet Challenge, and was named a top 50 finalist in the NBC National Education Forum.

Region 8: Jessica Hunter

Dr. Jessica Hunter is the Curriculum Coordinator at East Ouachita Middle School in Monroe, Louisiana. Jessica reviews instructional materials for Edreports.org and the Louisiana Department of Education as a Teacher Leader Advisor. Jessica is also a 2017 PAEMST State Mathematics Finalist for Louisiana. She earned a Bachelor of Science in Mathematics Education



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and a Master of Education in Curriculum and Instruction from the University of Louisiana at Monroe. She earned her Ed.D. in Educational Leadership from Louisiana Tech University. Contact Dr. Hunter at jessicahunter@opsb.net.

Representative At Large: Dr. Christine Collins Hypolite

Dr. Hypolite, is a Professor of Education at the University of Holy Cross in New Orleans, Louisiana. She serves as the Coordinator of the Certification Only Program and Advisor for the school's chapter of Associated Professional Educators of Louisiana.



She has been an educator for over four decades, beginning as a junior high school science teacher in Thibodaux, Louisiana. After 15 years at the junior high school level she then moved to Nicholls State University in Thibodaux, LA in the College of Education.

At Nicholls State, Dr. Hypolite served as Associate Professor and head of the Department of Education. She directed the Mathematics and Science Partnership Grant at Nicholls State for over 10 years, as well as taught seminars in both mathematics and science. During her teaching career Dr. Hypolite has served her community by setting up a mathematics and science camp for local children and tutoring students in mathematics. She has served on several state and national boards related to mathematics and science education.

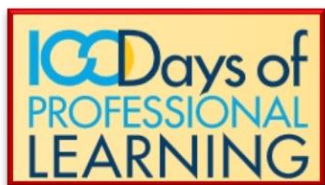
Dr. Hypolite earned her Ph.D. from Louisiana State University in Baton Rouge, LA. She earned her Master degree and Bachelor of Arts degrees from Nicholls State University.

Dr. Hypolite has received several endowed professorships at the University of Holy Cross. She has been named by Louisiana Science Teacher Association, The William Craig Outstanding University Educator Award, 2015. She has also been named to Who's Who Among African-American Teachers, Who's Who Among American Teachers. Dr. Hypolite has presented at regional, state and national conferences on topics related to classroom management, literacy, and mathematics and science education.

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NCTM UPDATE

100 Days of Professional Learning



In honor of NCTM's 100th anniversary, NCTM is offering 100 Days of Professional Learning. Starting this past April and continuing through October, one hundred free, live webinars are being offered on 100 days. Missed out on the live webinars? No problem! Past webinars have been recorded and are available on the NCTM's website. New webinar recordings will continue to be added. To access the schedule of up-coming webinars and previously recorded webinars, click [here](#).

Virtual Conference

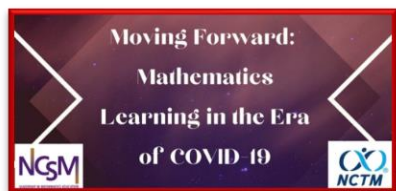
The NCTM 2020 Virtual Conference will be held **Wednesday, November 11th through Saturday, November 14th**. The conference will offer a mixture of prerecorded webinars, live sessions, and a virtual exhibit hall. Weekday live sessions will be held in the afternoon and evenings. Saturday live sessions will run from 10am to 4pm CST. Conference content will cover 4 major categories:



- Access, Equity, and Empowerment
- Deep Mathematical Learning through Effective Teaching
- Actualizing Change
- Professionalism and Lifelong Learning

Registration opened on September 1, 2020. For more information on registration rates, the conference schedule, and frequently asked questions, click [here](#).

Moving Forward: Mathematics Learning in the Era of COVID-19



NCSM (National Council of Supervisors of Mathematics) and NCTM have published "Moving Forward," a joint document to provide guidance for mathematics teachers and leaders at all levels to make informed decisions for next steps due to COVID-19. NCTM has also curated a list of books, articles, webinars, and other resources to support teachers in making instructional decisions this school year. Click [here](#) for more information.

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Catalyzing Change: Initiating Critical Conversations

Catalyzing Change is NCTM's latest books series that "looks at policies, practices, and issues that impact mathematics education at every level to support the critical conversations



and actions need to create positive change." The series consists of three books that address issues in early childhood, elementary, middle, and high school mathematics. For more information about the series, and to order books, ebooks, and resources guides click [here](#). Webinars by the authors and other supporting resources can also be found there.



LOUISIANA ASSOCIATION of
TEACHERS of MATHEMATICS



LOUISIANA SCIENCE TEACHERS ASSOCIATION



**SEE YOU
SOON ...**

LATM and LSTA Joint Math and Science Conference will be held in
Lafayette in the **Fall of 2021**.

We can't wait to see you again!

-Conference Co Chairs
Trisha Fos and Shauna Leblanc

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Join or Renew your Membership

Are you still an LATM member? Have you renewed your membership lately? In these unprecedented times, the LATM is continuing this year's offer of **complementary memberships** to math educators and future math educators. Visit our [membership page](#) to join.



Like us on Facebook

Social media has become a preferred means of communication in this tech-savvy digital age. If you have not liked LATM's Facebook page, you should do so now! Teacher opportunities, upcoming LATM events, mathematical articles, educational research, and much more are posted daily on the LATM Facebook page. LATM has much



to offer and share with not only math teachers, but with parents, students, and the general public. When you like an LATM post, go a step further and share the post. By sharing a post, the post is distributed to a new group of people who can also share the post. You can even invite your friends to like the LATM Facebook page and become followers. Help us reach more people, so we can help more people!

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