

Extended Session Information and Listings

Monday, November 6, 2017

\$15.00 per 3-Hour Session \$30.00 per 6-Hour Session

**PARTICIPANTS FOR EXTENDED SESSIONS MUST
ALSO REGISTER FOR THE FULL CONFERENCE BY THE EARLY BIRD DEADLINE OF
September 29, 2017.**

Things to Remember When Registering for Extended Sessions:

- Extended sessions require pre-registration, and it is critical to planning that you complete the registration form lamath.org/conference2017/registration/. A confirmation e-mail will be sent two weeks prior to conference. Please check your e-mail often. Also check spam mail as some systems do not recognize the address of the sender as a valid e-mail address or the system administrators may have placed a block on many senders. If you have not received confirmation e-mail by October 27, 2017, contact Maribeth Holzer at holzer@opsb.net.
- There is a \$15 charge for each session; a \$30 charge for the all-day session. Extended Session participants must also register for the 2017 LATM Conference by the Early Bird deadline of September 29, 2017. All sessions will be held at the Baton Rouge Crowne Plaza.
- Every effort will be made to honor your first choice. Send your registration invoice and payment early to improve the chances of securing your first choice. There is a 10 person minimum and 20 person maximum for some extended sessions.
- By number, make a 1st, 2nd and 3rd choice for each time period (AM/PM). List choices on the extended registration form by session number. For All Day Sessions, enter the session number in both the AM and PM choices. Be sure to give all three choices. If alternate choices are not given and the choices you give are not available, you will be placed according to your grade level.

example:

1 st Choice	2 nd Choice	3 rd Choice
6	2	10
_____	_____	_____

Session/Field Trip Number(s) (AM-3hr)

All requests for Extended Sessions are to be made as part of the online conference registration process at lamath.org/conference2017/registration/

**REGISTRATION AND PAYMENT FOR EXTENDED SESSIONS and FULL
CONFERENCE MUST BE POSTMARKED BY SEPTEMBER 29, 2017.**

2017 LATM Conference - P³: Precision, Problem Solving, Perseverance

Crowne Plaza Executive Center, Baton Rouge Nov. 6-8, 2017

Monday, November 6, 2017- All Day Session (\$30): 8:30AM – 3:30PM

All Day	LaSIP: Enhancing Teachers & Students' P3 in Science and Math <i>Ivan Gill, Thomas Wright, Yvelyne Germain-McCarthy</i>	General Interest
Session Number 1	The University of New Orleans was awarded two LaSIP grants to work with K-8 teachers. This session with university and school teachers, shares results of using the Lesson Study process (LS) to create innovative lesson plans in math, grades 3-8, and in science, grades K-8. LS will be discussed and teachers will actively engage participants in their lessons.	

Monday, November 6, 2017- Morning Sessions (\$15): 8:30AM – 11:30AM

Half Day	Math through Pre-K Makerspaces <i>Lindsey Keith-Vincent, Lynn Clark, Diane Madden</i>	Pre-K – 3rd
Session Number 2	Explore the use of architecture/design to teach STEM concepts and processes, creative thinking, and critical problem-solving through the implementation of the Ben Gramman maker's curriculum. Educators will use the integration of designed-based learning approach to explore how to teach standards-aligned geometry and engineering design concepts in a Makerspace environment to students at the Pk-3 grade levels.	
Half Day	Dive into STEM <i>Katherine Gertz – LATM Executive Council</i>	3rd – 5th
Session Number 3	Dive into Nautilus STEM Learning Modules that are a suite of inquiry- and project-based lessons that supplement educator curricula and foster student engagement in real-world STEM found within oceanographic research and ocean exploration expeditions launched from E/V Nautilus. This session includes engaging lessons along with instructions to guide educators through activity setup and implementation.	
Half Day	Solving Word Problems with Tape Diagrams <i>Miko McDaniel- Great Minds</i>	3rd – 5th
Session Number 4	Participants study part-whole relationships in the context of multiplication and division, using both whole numbers and fractions. Educators experience how solving problems using the tape diagram supports understanding of both the words and the operations in word problems. Participants practice modeling single- and multi-step word problems.	
Half Day	Are Ratios Fractions? <i>Kyle Falting- LDOE</i>	6th - 8th
Session Number 5	Educators will be able to explain the difference between a ratio, a fraction, a rate, and a unit rate. Educators will explore the relationship between these ideas by experiencing various tasks and engaging in teacher-level discussion of these concepts. Additionally, educators will explore activities that can be implemented during instruction to help students avoid common misconceptions around this topic.	
Half Day	High School Mathematical Progressions <i>Vickie Flanders, Emily Flanders - LATM Executive Council</i>	9th – 12th
Session Number 6	This extended session will cover progressions in high school mathematics courses. Topics from algebra, geometry, trigonometry, and calculus will be presented with a focus on functions. Discover how the concept of a function was first introduced and follow the progression of functions to include polynomial, rational, exponential, logarithmic, trigonometric, piecewise, inverse, and other functions.	

Monday, November 6, 2017- Afternoon Sessions (\$15): 12:30AM – 3:30PM

Half Day Session Number 7	Remediation Tools for Math Learners <i>Torri Palms-Moore, Amanda Perry, Katherine Gertz- LATM Executive Council</i> Participants will gain information on resources to ensure all students are prepared to access grade-level content. Educators will explore how the vertical coherence of the standards allow us to pinpoint and diagnose where students may have gaps in prerequisite skills and understandings.	Pre-K – 5th
Half Day Session Number 8	Using Activities and Games to Teach Fractions <i>David Thomas – LATM Executive Council</i> The facilitator will use various activities, manipulatives and games to teach fraction concepts. Some examples include using pattern blocks to strengthen understanding of fractional parts. Another example would be using a modification of the game, “Fraction Feud” from the NCTM site Calculation Nation” to teach comparison of fractions.	3rd – 8th
Half Day Session Number 9	Google in the Math Classroom! Say What? <i>Maggie Acree</i> Google Docs and Google Classroom is virtually engaging students in all subjects. We typically think, "that can't be used in math." This session will defy that notion! Participants will explore google features (drive, docs, forms, classrooms, and more) and how they can apply to the elementary - high school mathematics class. The majority of time will be spent on using Google Forms for student practice and testing on a computer. Join us to learn how Google Education can help you work smarter, not harder! Be sure to bring your laptop to actively participate in this session.	3rd - 12th
Half Day Session Number 10	Solving Word Problems with Tape Diagrams <i>Penny Gennuso- Great Minds</i> Participants experience the power and value of the tape diagram for developing fluency with algebra, both within expressions and equations and in the context of word problems. They explore strategies and pedagogical approaches to support students with making connections between the text and the algebraic operations in word problems. The session also bridges students from tape diagrams to algebraic operations.	6th - 9th
Half Day Session Number 11	LEAP 360 for High School <i>Kyle Falting- LDOE</i> Participants will explore the full suite of assessments and support provided through LEAP 360, including the new HS LEAP 2025, interim assessments, and EAGLE. Participants will leave with a firm understanding of the expectations of the new HS LEAP 2025 assessment, as well as how the other resources in LEAP 360 can help prepare their students.	9th – 12th



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