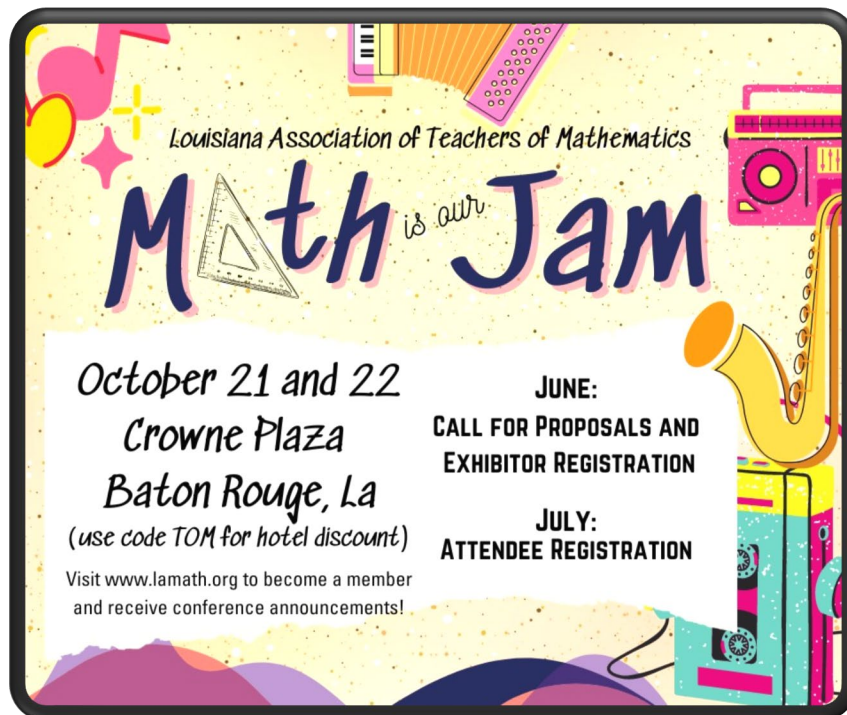




June 2024

Please feel free to share this with your colleagues.

Save the Date!





QSM
QUALITY SCIENCE & MATH GRANT

OVERVIEW

- The Quality Science and Mathematics (QSM) Grant Program awards grants up to \$2,000 to Louisiana PK-12 public school teachers for purchasing non-consumable materials and equipment for standards-based, effective, innovative, and high-quality mathematics, science and STEM course instruction.
- Qualifying applicants demonstrate how grant materials would enhance the quality of instruction for traditional students enrolled in mathematics, science or STEM classes during the normal school day. *After-school, Talented & Gifted, and Special Education (SPED) programs are **NOT** eligible.

INFO & ELIGIBILITY

QSM Grants should focus on implementing a specific project such as a lesson, unit, or module in the classroom and they must demonstrate how the project will enhance the quality of instruction provided to the students. Proposals are scored and ranked by a panel of reviewers.

- Grants up to \$1,000 for PK-2nd grade teachers, \$1,500 for 3rd-5th grade teachers, and \$2,000 for 6th-12th grade teachers.
- Funds are to be used for instructional materials and equipment.
- Applicants must be full-time classroom teachers assigned to teach science, mathematics, or STEM courses/subjects in a PK-12 public education program.
- Public charter schools and laboratory schools teachers are eligible*.

WORKSHOP DATES

From 6:30-8:00pm:

- WEDNESDAY - JULY 17
- WEDNESDAY - AUGUST 14



QSM

CONTACT:

Ali Wolfe

qsminfo@lsu.edu

lsu.edu/qsm





Science Fair Modeling

How to take a topic of interest and develop it into a science fair project!

The Greater New Orleans Science and Engineering Fair is hosting a STEM (science, technology, engineering, and math) teacher professional development workshop on Saturday, June 22nd!!

Science Fair Modeling: How to take a Topic of Interest and Develop it into a Science or Engineering Fair Project!

Date: *June 22, 2024, 8:45 a.m. – 12 noon*

Location: STEM Library Lab, 3011 N. Service Rd. E, Metairie, LA 70002

Link to Register: <https://gnosef.tulane.edu/2023/05/16/2024-gnosef-teacher-workshop/>

The GNOSEF workshop will help teachers develop student engagement from a general interest topic into a scientific testable question or engineering design idea. **More information is on the attached flyer.**

Presenters will model how to connect with student interests, generate extensions or ideas from that interest, and develop into testable science questions or engineering design projects. Additional topics will include identifying meaningful measurements, obtaining supplies and resources, connecting with mentors, and planning for reporting of data.

Teachers will receive a \$75 stipend + an additional \$25 for affiliating their school for the 2024-5 school year while at the meeting (or before). Affiliation link: <https://gnosef.tulane.edu/2020/09/05/gnosef-affiliation-form/>

Thanks to **The Joe W. and Dorothy Dorsett Brown Foundation**, teachers can receive an **additional \$100+** for meeting with a GNOSEF mentor and submitting 5 projects for the regional fair in February 2025!!

Please email gnosef@tulane.edu with any questions.



Science Fair Modeling

How to take a topic of interest and develop it into a science fair project!

Become a catalyst for generating enthusiasm for developing science and engineering fair topics for your students!

The GNOSEF workshop will help teachers develop student engagement from a general interest topic into a scientifically testable question or an engineering design project.

Presenters will model how to connect with student interests, generate extensions or ideas from that interest, and develop into testable science questions or engineering design projects.

Additional topics will include:

- connecting with mentors
- obtaining supplies and resources
- identifying meaningful measurements
- planning for reporting of data

Teachers will receive a \$75 stipend + an additional \$25 for affiliating their school for the 2024-25 school year while at the meeting (or before).

Priority will be given to teachers in Orleans, Jefferson, Plaquemines, and St. Bernard parishes. To ensure you will have a spot in the PD, we require a \$20 deposit fee paid via PayPal.



Saturday, June 22, 2024


8:45 am – 12:00 pm

STEM Library Lab

3011 N. Service Rd. E
Metairie, LA 70002



 gnosef.tulane.edu

 gnosef@tulane.edu

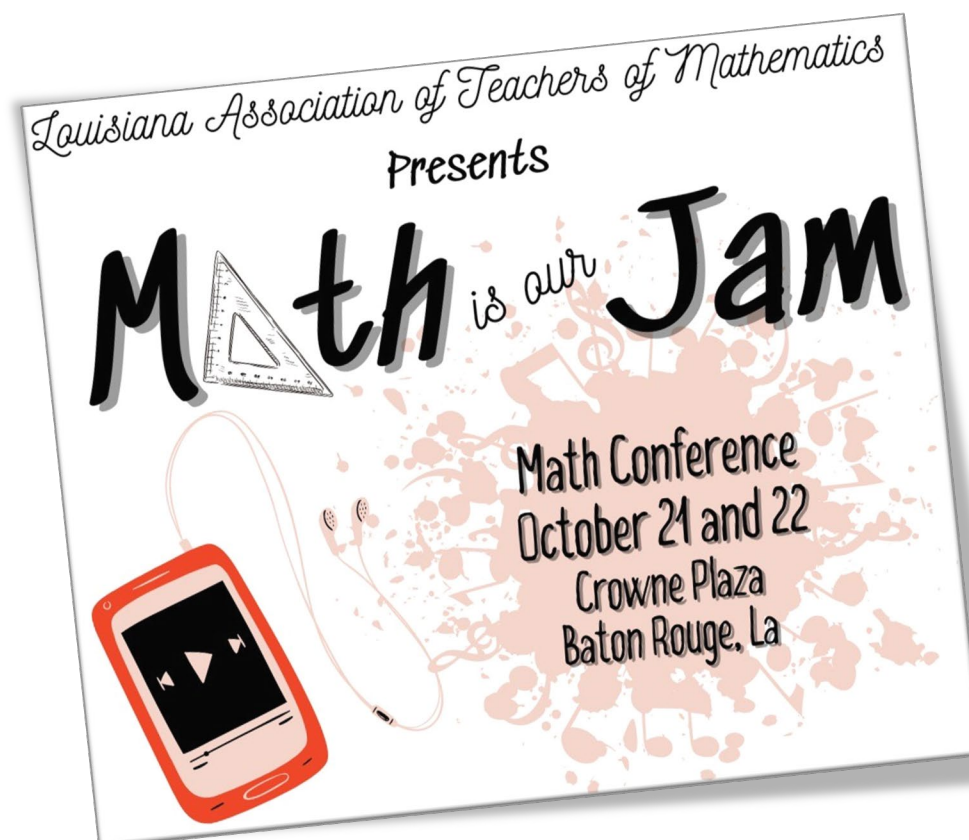
Engineering is Elementary & Youth Engineering Solutions - In Louisiana

Join us for an exclusive opportunity to enhance your teaching skills with our upcoming teacher professional training sessions in **Engineering is Elementary (EiE)** and **Youth Engineering Solutions (YES)**, presented in partnership with **LASTEM Region 8 Center (SCILS)** and **Louisiana Tech University (LA Tech)**. These workshops are designed to equip educators with the knowledge and strategies needed to implement high-quality, standards-aligned engineering and STEM curricula in their classrooms. Through engaging activities and hands-on experiences, participants will gain valuable insights into fostering a generation of problem solvers and engineers, all while earning professional development credits.

Youth Engineering Solutions (YES) and Engineering is Elementary (EiE) are leading the charge in revolutionizing STEM education. YES offers free, high-quality, standards-aligned engineering and STEM curricula, empowering educators to engage students in authentic, hands-on engineering challenges from preK to 8th grade. Meanwhile, EiE, the award-winning curricula division of the Museum of Science, Boston, is dedicated to cultivating problem solvers through rigorous, research-based design principles. Together, they provide comprehensive resources and support to educators, ensuring that STEM learning is accessible, engaging, and impactful for all students.

Have a question, or need more information? **Visit our Frequently Asked Questions (FAQ) page here!**

Registration Link

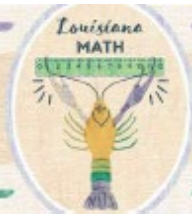




Math Refresh Summer Webinar Series

The Louisiana Department of Education is excited to offer the second year of the Math Refresh summer webinar series. Educators, including teachers, school leaders, and system leaders, should register to learn how to impact math instruction in the coming year. Participants will also explore newly released resources to support excellence in mathematics instruction. Register using your school or system email address using the links below.

Webinar Topic	Date and Zoom Link
<p>Navigating Act 260 (2023): Empowering Grade 4-8 Math Educators through Numeracy Professional Learning</p> <p>Join us as we delve into Act 260 (2023), which mandates that all grade 4-8 math teachers complete an approved numeracy professional learning course by August 2025. During this session, participants will gain an overview of the mandated training, equipping them with essential insights into its content and objectives. Moreover, attendees will initiate the planning process for creating structures within their schools and systems, which will be pivotal in facilitating teachers' seamless completion of the numeracy professional learning course.</p>	<p>June 10 at 9 a.m.</p> <p>Registration Link</p>
<p>Accelerating Impact with Zearn: Evidence of Zearn's Impact on Louisiana Students</p> <p>All Louisiana public schools serving grades K-8 have access to free Zearn math school accounts through the summer and the 2025-2026 school year. Participants will review the second year of the continuing impact study resulting from the LDOE partnership with Zearn and plan for implementation of Zearn in schools and classrooms this year.</p>	<p>June 17 at 9 a.m.</p> <p>Registration Link</p>
<p>Math Leader Toolkit - Tools for Leaders to Level Up Math Instruction</p> <p>Join us as we delve into the new resources designed to support instructional leadership specific to math instruction. Attendees will analyze the tools available and initiate a planning process for creating structures within their schools and systems, which will play a pivotal role in facilitating teachers' effective math instruction.</p>	<p>June 24 at 9 a.m.</p> <p>Registration Link</p>



Webinar Topic	Date and Zoom Link
<p>Using FLAME Resources to Support the Success of K-8 Students Teachers, community members, and parents still voice a lack of basic fluency in students. This session will share the research, strategy, and resources provided by the Department to assist systems, schools, and teachers in understanding which students are building grade-appropriate fluencies and using the tools needed to communicate this progress to parents while engaging with high-quality instructional materials and focusing on specific students and their needs.</p>	<p>July 8 at 9 a.m. Registration Link</p>
<p>High School Math Courses - What's in a Title? This fall, Louisiana High School teachers and post-secondary math faculty joined forces to create course descriptions for high-school courses not defined by the LSSM. In this session, we will delve into the process employed to establish a shared understanding and preview the descriptions written.</p>	<p>July 15 at 9 a.m. Registration Link</p>
<p>Zearn Leader Training We are happy to announce that the statewide partnership with Zearn will continue through the 25-26 school year. This training is to ensure that leaders are trained on the implementation of Zearn Math resources, to learn about the integrated supports for students, and to consider how to leverage Zearn materials in varied settings.</p>	<p>July 16 at 9 a.m. Zoom Link</p>
<p>Empowering Teacher Excellence: Math Teacher Collaboration and Strategic Planning This session will assist participants in understanding how teacher collaboration should be utilized to maximize mathematics instructional planning. Participants will explore effective protocols for engaging in teacher collaboration with the Planning Guide for Math Instruction while learning what effective teacher collaboration looks like from experienced Louisiana Math educators.</p>	<p>July 22 at 9 a.m. Registration Link</p>

For questions, please contact STEM@la.gov.

High School Numeracy Summer Webinar Series

Join us

Participants in the High School Numeracy Summer Learning Series will explore new content modules from Algebra 1, Algebra 2, and Geometry in five 1-2 hour virtual professional learning sessions. Learn innovative pedagogical approaches to engage students and effective strategies to meet the needs of all learners in the classroom.

Topic	Date/Time
Defining a Learner-Centered Math Classroom	June 12, 2024 9:00 am - 11:00 am
High-Quality Math Tasks & Productive Struggle	June 18, 2024 1:00 pm - 3:00 pm
Stages of Concern (Overcoming Barriers)	June 26, 2024 9:00 am - 11:00 am
Redefining Peer Coaching Conversations	July 10, 2024 9:00 am - 11:00 am
TBD based on participant feedback	July 17, 2024 9:00 am - 11:00 am

Registration: [Register](#) to join us!

Please contact STEM@la.gov with questions.





QSM

QUALITY SCIENCE & MATH GRANT



SCIENCE AND MATH GRANT



WHO IS ELIGIBLE

- Louisiana PK-12 public school teachers
- Non-consumable materials and equipment
- Standards-based, effective, innovative, and high-quality mathematics, science and STEM course instruction

Quality

Instructional classroom equipment, mathematics or science kits, technology for student use, safety equipment.

WHAT IS ELIGIBLE

HOW MUCH

- PK-2 - \$1,000
- 3-5 - \$1,500
- 6-12 - \$2,000



science



WORKSHOPS

[REGISTER HERE](#)

- Wednesday, July 17, 6:30 PM
- Wednesday, Aug. 14, 6:30 PM

SCORING RUBRIC



math

DEADLINE TO SUBMIT

Sunday,
September 8

TO START A PROPOSAL



grant



CONTACT

QSM Grant Administrator
qsminfo@lsu.edu

<https://www.lsu.edu/caiincenter/programs/qsm/index.php/>





GNO STEM PRESENTS:
**3-D Printing
Professional
Development
Workshop**

**For Middle and
High School
Teachers**

Workshop Topics:

- 2D and 3D sketching and progression to 3D printing
- Use of computer aided drawing program Tinkercad and classroom management with program
- Types of 3D printers, purchasing and maintenance
- Projects that utilize 3D printers
- How to work in a 1-printer classroom
- Grants available for printers

Date & Time:

- Wednesday, July 10, 2024
- 9:00 am - 3:00 pm

Location:

- University of New Orleans
Oliver St. Pe' Center (TRAC)

Teachers Receive:

- Teachers will receive a **\$100 stipend** for their attendance
- Valuable resources and strategies to implement 3D printing in their classrooms

Spaces are Limited. Register Now!

<http://gnostem.org/team-view/teacherpd/>

or scan the code



#EMPOWER

EDTECH CONFERENCE

bit.ly/empower2024conference

We are excited to have you join us for a day filled with opportunities to collaborate and be inspired!

INNOVATE
COLLABORATE
INSPIRE
EMPOWER

26 JULY Starts At 9AM

REGISTER NOW

bit.ly/empower24_tickets

Sponsored by LACUE and the College of Education and Human Sciences at Louisiana Tech University.

JOIN US!

LACUE
Louisiana Association of Computer Using Educators

ELRI
Emergent Learning Research Institute

#EMPOWER

CALL FOR PROPOSALS

DUE JUNE 21, 2024

We are now accepting proposals for the #EMPOWER EdTech Conference and would love for you to share your knowledge of leadership, innovation, and/or favorite edtech tools! Sessions can be offered virtually or face-to-face in the College of Education and Human Sciences which is located in Woodard Hall at Louisiana Tech University in Ruston. Please fill out the brief proposal form today!

CONFERENCE: JULY 26, 9:00 - 2:00PM

CALL FOR PROPOSALS

bit.ly/empower2024_proposal

LACUE
Louisiana Association of Computer Using Educators

ELRI
Emergent Learning Research Institute

ASM Materials Camp®-Teachers UNO - June 24-28

ASM Materials Camp®-Teachers is a free, week-long, idea-generating workshop introducing teachers to methods that make math and core science principles more enticing and relevant to their middle and high school students. Materials topics are great motivators in any engineering, technology or science course as students learn concepts that are reflected in their everyday lives.

PROGRAM HOURS

Monday - Thursday, 8:00AM - 5:00PM

Friday, 8:00AM - 3:00PM

WHAT MAKES US DIFFERENT

Teachers leave our camps able to engage students using simple, low-cost experiments that integrate into existing lesson plans.

Participants are eligible to receive four (4) Continuing Education Units(CEUs) and can opt for two (2) graduate level credits.

CAMP SCHEDULE

For more information and to view the 2024 ASM Materials Camp®-Teachers Summer Schedule, [click here](#).

VIRTUAL CAMPS:

July 8-12

August 5-9

LATM Membership Is Now FREE!

If You Are Not A Member, JOIN!!

Share with your colleagues! **Louisiana Association of Teachers of Mathematics** membership is now complimentary for math educators and future math educators. Visit our [membership page](#) to join. Current members do not need to re-apply.

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