



#LATEACHERLEADERS



# SUMMIT 2023

ACCELERATE TO SUCCESS



**MATH  
REFRESH**



**Leading New Math Implementation**

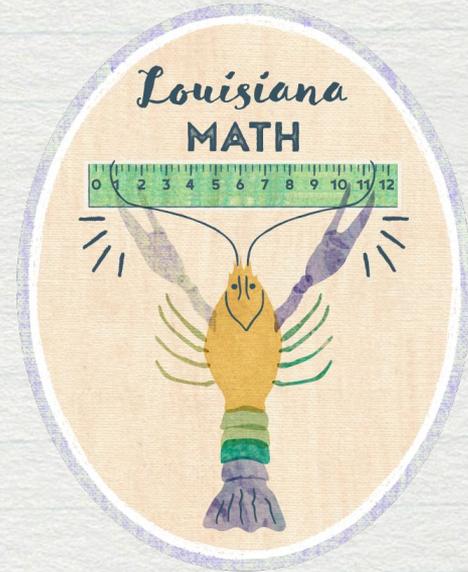
# Meet the Presenters

**Jamie Hebert**

Director of Math

**Dr. Tachelle White**

Math Specialist



# Objectives

By the end of this session, you should be able to

- understand the purpose of Math Refresh;
- explain components of strong implementation of new Math curriculum; and
- create a comprehensive plan for new implementation that includes teacher collaboration and professional learning.



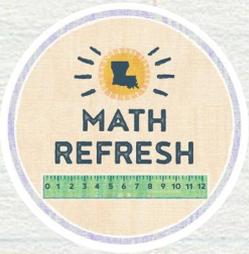
# Agenda

1. Overview of Math Refresh
2. Suggestions for Strong Implementation
3. Planning Your New Curriculum Implementation

# Louisiana's Math Refresh

To support all schools in accelerating math learning, the [Louisiana Math Refresh](#) will provide strategically focused support to teachers and school and system leaders in two key areas:

- funding to support a **refresh of math materials** to ensure resources used during any instructional time are of the same high level of quality as core instruction
- explicit guidance, resources, and professional learning to support a **refresh of existing instructional practices** to align with evidence-based approaches for maximum impact in accelerating students' math progress



# Accelerating Math Learning

## more of this...

- emphasis on *forward movement*; unfinished math learning is systematically addressed just in time for new concepts
- ensuring all students, including students with disabilities and English Learners, have daily access to high-quality, grade-level learning alongside peers
- math instruction across settings (e.g., tutoring, extended learning time) is connected to core instruction and of the same standard of quality, prioritizing individualized supports that ensure readiness to engage in grade-level work

## less of this...

- emphasis on *backward movement*, reteaching every “missing” skill or concept in isolation from grade-level work
- structuring extended learning time and interventions so that students miss sacred core ELA, math, science, or social studies instruction
- instructional and intervention time is passive and isolated from core (e.g., focused on worksheets or computer-based fluency drills), and/or students are engaging with work that is better suited for earlier grades

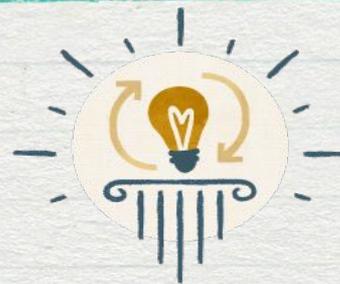
# Louisiana's Math Pillars



school structures  
prioritize **all students'**  
successful engagement  
in **high-quality,**  
**grade-level core math**  
**instruction** alongside  
peers



**timely, proactive**  
**interventions**  
connecting  
prerequisite learning to  
upcoming and current  
grade-level work



ongoing  
**professional**  
**learning and**  
**proactive planning**  
are essential for  
effective teaching  
and accelerating



**families,**  
**caregivers, and**  
**communities** play  
an essential role at  
all ages and stages

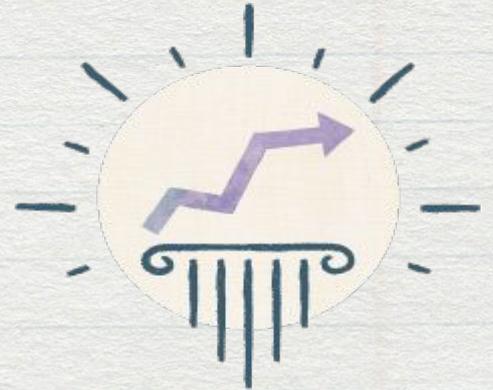
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# Curriculum Implementation

Think through past experiences....

What are the components of **strong** curriculum implementation?



# Invest in Professional Learning

In **initial** support, it is recommended that curriculum vendors provide pre-service professional learning for teachers and leaders that builds their familiarity with the structure, approach, and key components of the high-quality curricula and assessments.

**Ongoing**, focused coaching builds teachers' and leaders' ability to

- use the high-quality curricula and assessments;
- deepen knowledge of content and content pedagogy;
- build skills in using student data to meet the needs of all learners; and
- demonstrate how to use walk-through observations to foster teacher leadership, collaboration, and improved implementation.



# Setting Expectations

“Teachers in Louisiana are doing better than peers in other states in using classroom materials and providing instruction that is aligned with their state standards.” - [RAND Corporation Report](#)

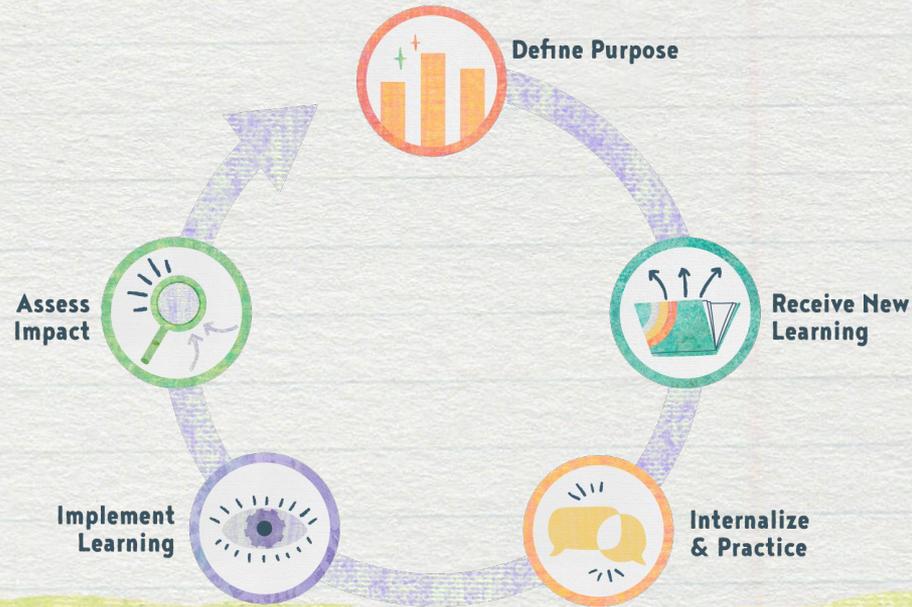
| K - 5           |     | 6-8               |     | HS (Algebra I)    |     |
|-----------------|-----|-------------------|-----|-------------------|-----|
| Eureka Math     | 56% | Eureka Math       | 53% | Eureka Math       | 36% |
| Zearn           | 25% | Illustrative Math | 24% | Illustrative Math | 20% |
| Ready Classroom | 11% | Ready Classroom   | 12% | EnVision AGA      | 20% |
|                 |     |                   |     | Agile Mind        | 16% |

# Create Planning and Feedback Cycle

Strong curriculum implementation will include a plan for teacher collaboration that

- ensures timely delivery of resources for unit preparation;
- ensures maximum attendance for all teachers;
- appropriately times and logically sequences collaborative unit planning to enable teachers to begin implementing the unit as intended from the onset of each unit; and
- ensures a feedback and support cycle to address current realities.

## HIGH QUALITY PROFESSIONAL LEARNING CYCLE



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# Create a Plan

Using the [Louisiana Academic Content PL Partner Guide](#), create your plan for implementation.

A quality plan will include:

## Investing in Professional Learning

- initial training for teachers and leaders
- ongoing support
- plan for late hires

## Communicating the Expectation to Stakeholders

- school system leaders
- school leaders
- teacher leaders
- classroom teachers

## Ongoing Support for and Monitoring of Implementation

- support and monitoring for collaborative planning
- support and monitoring for curriculum implementation

# Closing

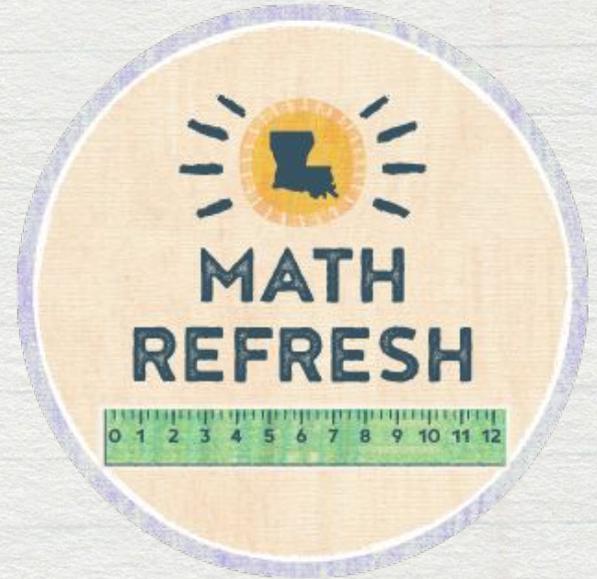
Students make meaningful growth when

- they learn math through a high-quality curriculum every day;
- teachers have initial and ongoing professional learning to understand effective curriculum implementation; and
- teachers use authentic data from small-scale curriculum-embedded assessments, which measure how well students are meeting the outcomes of the high-quality curriculum.



# Contact Information

Please contact [STEM@la.gov](mailto:STEM@la.gov) with any questions or to request an individualized call to support your implementation planning efforts.





**Thank you!**