

Principal Webinar for Math and Literacy



March 4, 2024

Opening



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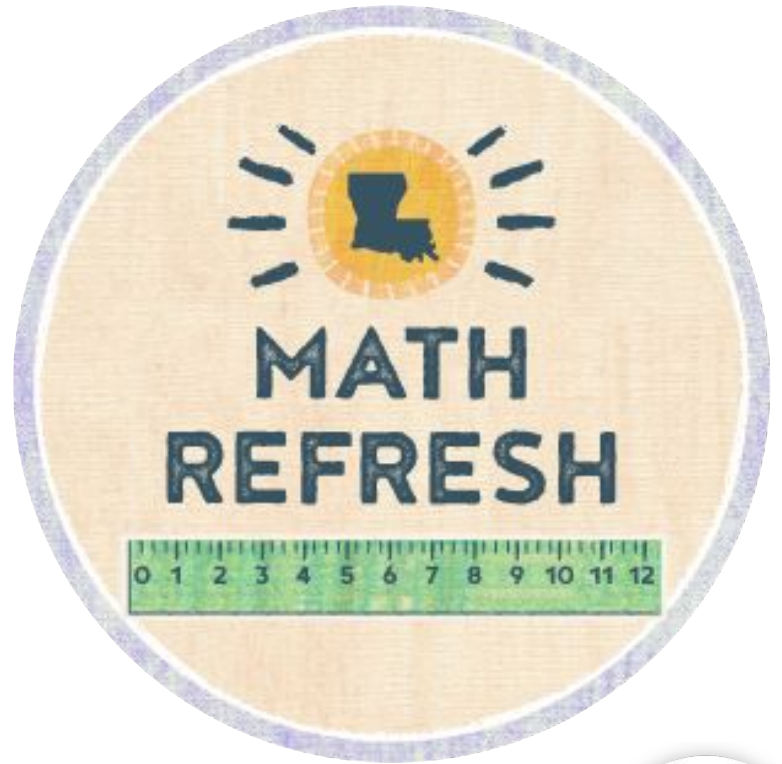
Math

Summer Learning 2024



Mission

All Louisiana students will have improved math outcomes when the four pillars of high-quality mathematics instruction designed for accelerating learning are effectively implemented at the school, system, and state levels.



Louisiana 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

The [Louisiana Math Comprehensive Plan](#) outlines state and system actions to support math success for all students.

Summer Learning Programs

Well designed [math summer learning](#) is

- rooted in high-quality instructional materials;
- provided by a qualified educator;
- supports students learning in both formal programs and at home; and
- includes carefully selected content that will build essential knowledge and skills for the upcoming year.



Summer Learning at School

Systems implementing [summer learning programs for math](#) should make use of [Zearn Math's Summer Intensive Series](#), or comparable high-quality instructional materials designed to accelerate math summer learning.

The 4-6 week summer intensive series is

- rooted in **high-quality** materials;
- carefully designed to build **essential knowledge and skills** for the upcoming school year; and
- designed for rising grade 1 through grade 9 students.



Summer Learning at Home

Schools should also use the [Zearn Summer Intensive Series](#) to support continued summer learning for students at home.

- [Brainy Challenges](#)
- Class Competitions
- Social Media Encouragements



Family Summer Support Toolkit

The [Family Summer Support Toolkit](#) includes some of the following math resources:

- The toolkit includes math learning handouts with suggested activities, games, and math problems families can do together to continue math learning through the summer months.
- Additionally, several resources support learning with Zearn. Resources available in Spanish and English include parent letters, family helpers, lesson challenges, and award certificates.



Parent Activities

Lower Elementary

These activities support the math learning of children in grades K-2. Activities are designed to be fun and flexible. For students who are ready, use the lagniappe section to enrich the activity. Grab and go documents for activities are also available on the [Family Math Engagement](#) web page.

COUNTING

- **Counting Objects:** Select a group of up to 20 objects (pennies, blocks, jelly beans, etc.). Arrange the objects in a row. Ask the child to count the objects. Continue with different arrangements and different numbers of objects. Arrangements can include patterns that are scattered, arranged as rows and columns, circles, squares, etc.

Grab and Go Activities

Family Math Engagement Grab & Go: Ratios

This activity would be
best used by:

Schools Families

Materials:

- information from a local crawfish store
- chart below

Steps:

1. Plan a crawfish boil! Call your local restaurant and ask their ratio for the number of people to pounds of crawfish. For example, some restaurants recommend 3 pounds of crawfish for every person.
2. Complete this chart with your child so that they can plan for the party!



Number of People	Pounds of Crawfish
5	
10	
15	
20	
100	

Social Media Suggestions

- **June 7 (Math):** Has your child “Zearned” this week? Keep their math skills sharp by completing three Zearn lessons per week this summer. Learn how in the Family Math Library #LAMathRefresh <http://bit.ly/3LAokqP>

- **June 14 (Math):** Numbers are fun! Check out the grab and go resources in the Family Math Library for short activities to do with your family this summer. #LAMathRefresh <http://bit.ly/3LAokqP>

- **June 21 (Math):** Everyone can do math! Did you know that 94% of all workers use math in their jobs? Check out the Family Math Library for resources to do as a family this summer! #LAMathRefresh <http://bit.ly/3LAokqP>

- **July 5 (Math):** Did you know that a ‘jiffy’ is an actual unit of time? It means 1/100th of a second. Take some time out today to do some math with your child! Check out the Family Math Library for more family fun resources! #LAMathRefresh <http://bit.ly/3LAokqP>

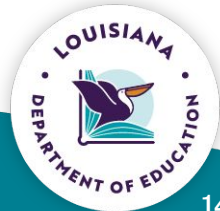
- **July 26 (Math):** Math Fun Fact: In a room of 23 people there’s a 50% chance that two people have the same birthday! Check out the Family Math Library for more family fun facts and resources! #LAMathRefresh <http://bit.ly/3LAokqP>



Action Steps

- Plan for in-person summer learning.
- Determine the communication plans for at home summer learning.
- Schedule social media messaging.

For questions reach out to STEM@la.gov



Literacy

Making a literacy plan to prepare for EOY



Mission

Louisiana students will have improved literacy outcomes through high-quality instruction and interactions by an effective teacher who is supported by leaders and families.





Student literacy outcomes will increase when schools create and monitor **LITERACY GOALS**.



Literacy outcomes will improve when students are provided high-quality core instruction together with **EXPLICIT LITERACY INTERVENTIONS AND EXTENSIONS** based on individual student needs.



ONGOING PROFESSIONAL GROWTH is an essential component of effective teaching and literacy development.



FAMILIES play an essential role in the literacy development of children at all ages and stages.

Action Plan to EOY

- The MOY window has closed for the DIBELS 8th Literacy Screener and the EOY window will open April 1-30. An action plan is needed to ensure students meet their goals.
- Potential elements of an action plan:
 - Look at growth or lack of growth between BOY and MOY
 - Analysis of data to determine large trends as well as small-scale findings
 - Intentional, flexible groupings
 - Targeted interventions that include systematic and explicit instruction
 - Progress monitoring to ensure growth

MOY Data Analysis to Identify Global Trends

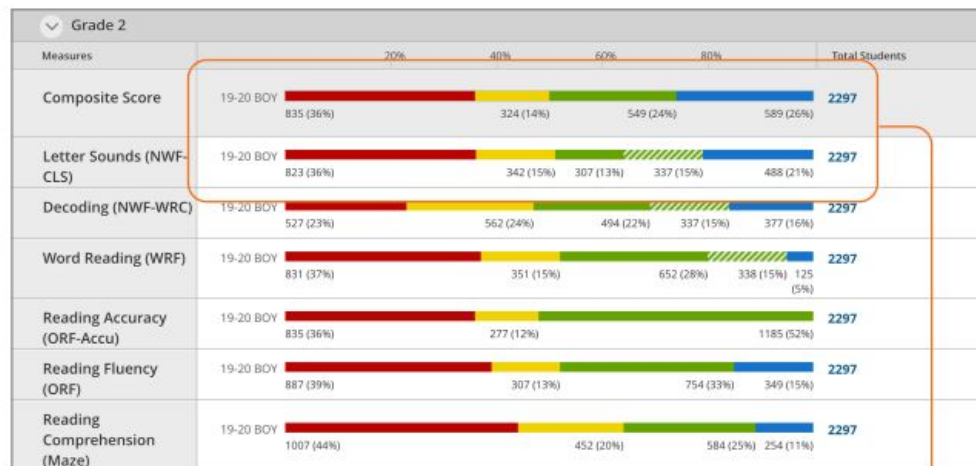
- Looking at [reports](#), such as the Comparing Measures Report for overall trends across grade levels and teachers will help to identify global trends.
- Global trends identify places to support within Tier 1
- Example: Pelican Parish notices that kindergarten and first grade have over 35% of students in well below for Phoneme Segmentation Fluency.
 - CKLA does phonemic awareness in the first ten minutes of all lessons for kindergarten and first
 - Literacy coaches/master teachers will model planning for and assessing during that component of the lesson in teacher collaboration. ILT members will conduct walkthroughs and provide feedback regarding the phonemic awareness component.



Comparing Measures

Comparing Measures

The Comparing Measures Report analyzes how one group of students performed on multiple assessment measures across one or more time periods. Instructional leaders can see the number or percentage of students who achieved a specific performance level or goal on each measure.



Clicking any bar segment shows the students who comprise that benchmark performance level.



MOY Data Analysis to Provide Targeted Interventions

- Trends can be identified for small group intervention time as well.
- Literacy coach/master teacher to support targeted intervention
 - Model planning for targeted interventions around phonemic awareness and tracking progress of the intervention
 - Model direct and explicit instruction of that skill within the intervention
 - Conducting walkthroughs and feedback around the effectiveness of those interventions
 - Consider subgroups when planning support for targeted intervention (Language Considerations)



Detailed Benchmark Performance

Detailed Benchmark Performance

Teachers can see each student's performance during the current school year, on each subtest as well as the overall composite. The benchmark goal displays below the subtest name when applicable.

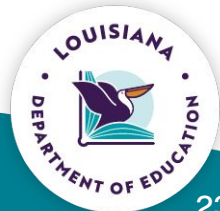
Beginning of Year												
		Letter Names	Phonemic Awareness	Letter Sounds	Decoding	Word Reading	Reading Accuracy	Reading Fluency	Vocabulary	Spelling	Phonological Processing	
Grade 1	Composite	LNF	PSF	NWF-CLS	NWF-WRC	WRF	ORF-Accu	ORF	VOCAB	SPELL	RAN	
Last Name, First Name	Goal 331	Goal 51	Goal 39	Goal 42	Goal 8	Goal 15	Goal 67%	Goal 21	Goal 23	Goal 23	Goal 62	
Ashley, Emma	329 Below	40 Well Below	33 Below	25 Below	3 Below	8 Below	67% Benchmark	16 Below	--	--	--	
Baldwin, Freddie	345 Benchmark	52 Benchmark	55 Above	44 Benchmark	8 Benchmark	17 Benchmark	88% Benchmark	21 Benchmark	--	--	--	
Bell, Jon	317 Well Below	24 Well Below	21 Well Below	16 Well Below	1 Below	7 Well Below	38% Well Below	6 Below	9 Well Below	22 Below	224 Well Below	
Bush, Tami	359 Above	53 Benchmark	44 Benchmark	50 Above	11 Benchmark	22 Above	93% Benchmark	43 Above	--	--	--	
Chandler, Verns	313 Well Below	37 Well Below	16 Well Below	13 Well Below	0 Well Below	0 Well Below	Discont'd	Discont'd	--	--	--	
Cobb, Elijah	330 Below	49 Below	33 Below	24 Well Below	1 Below	14 Below	59% Below	13 Below	--	--	--	

Clicking a score opens the student assessment report's probe details.



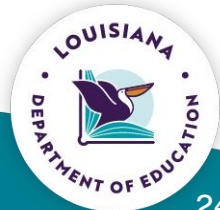
Flexible and Intentional Groupings

- The platform will group students based on their screener data.
- The goal-setting tool allows teachers to set goals based on a growth rate of average, above average or well above average.
- Interventions and progress monitoring should be based on designated skill.
- Progress monitoring graphs will help teachers and leaders see progress towards that goal.
- As students become proficient in that skill, they should be flexed to another group.



Progress Monitoring

- Create a school-wide system for progress monitoring
- Set expectations for:
 - Time in the day to progress monitor
 - Frequency
 - Who will progress monitor
 - Checking progress monitoring reports for growth



Additional Ways to Support Student Growth

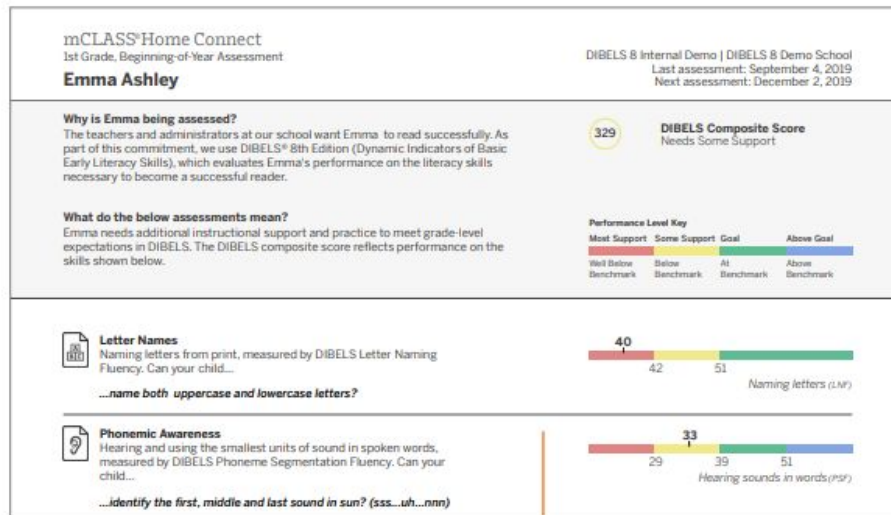
- [Steve Carter Literacy Tutoring Program](#)
- [Family Summer Learning Support Toolkit](#)
- [Family Grab and Go's](#)
- Home Connect newsletters and reports in Amplify platform



Home Connect

Home Connect

Teachers can download a letter with student assessment results and analysis to send home to parents and guardians, or to use as a basis for discussion at conferences. Home Connect letters describe how the measures assessed relate to skills development.



Letters are available in both English and Spanish.



To Stay Informed

- Sign up for the Department's [newsletters](#).
- Reference the [monthly calls](#).
- Implement the tools found on the [Louisiana Literacy](#) and [Math Refresh](#) websites.
- For questions, reach out to
 - STEM@la.gov or
 - louisianaliteracy@la.gov.

