

How can families help?

Families can play a crucial role in supporting and enhancing a child's math learning at home.

Remember, the goal is not just to teach math skills but to foster a love for learning and problem-solving. Making math a part of your daily life and creating a supportive learning environment at home can help children develop strong math skills and a positive attitude towards the subject.

Here are some effective ways families can help with math at home:



EVERYDAY MATH ACTIVITIES:

Incorporate math into everyday activities like cooking, shopping, measuring, and budgeting. Involve children in tasks that demand measurements, calculations, and comparisons.



MATH GAMES:

Play math-related games that are both fun and educational. Board games, card games, and online math games can help reinforce math skills while making learning enjoyable.



MATH TALK:

Engage in discussions about math concepts, problems, and solutions. Encourage children to explain their thought processes when solving math problems and pose open-ended questions to stimulate critical thinking.



REAL-WORLD PROBLEM SOLVING:

Encourage children to solve real-world problems using math. For example, involve them in planning a family event or project where they have to calculate costs, quantities, and timelines.

EVERY CHILD. EVERY CHANCE. EVERY DAY.

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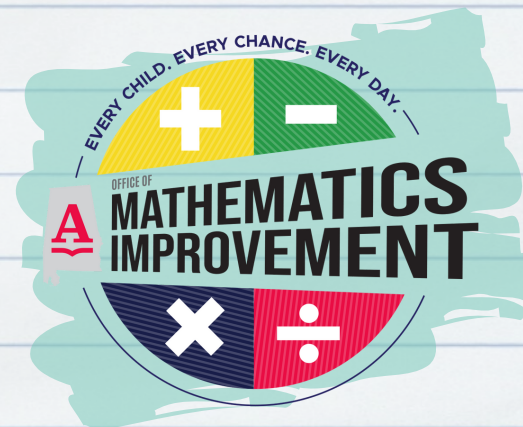
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THE ALABAMA NUMERACY ACT

A QUICK GUIDE FOR FAMILIES



OUR MISSION:

The Office of Mathematics Improvement is a proactive catalyst for change in K-5 mathematics instruction.

To impact learning and foster a growth mindset, we will support and monitor the effective implementation of curricula, assessments, and evidence-based practices.

As an accountability partner, we will collaborate with stakeholders to improve mathematics proficiency.



What is the Alabama Numeracy Act? Why do we need it?



The data from recent years indicates that Alabama's students are missing the basic math skills needed for college, career, and life. The large population of students who are underprepared will impact the future of our state. As a result, **the Alabama Numeracy Act was established in 2022** to improve math instruction and provide support for all K-5 students and teachers across the state **to ensure that all students are proficient in mathematics by the end of 5th grade.**

EVERY CHILD. EVERY CHANCE. EVERY DAY.



How will families be informed of their children's progress?



- The mathematics teacher of the student receiving mathematics intervention will provide reports that coincide with each grading period.
- This reports will contain information about the identified mathematics deficiencies, the intervention(s) provided to the student, student growth, and strengths.
- A report from an assessment that includes the above information may be provided to the parent/guardian in lieu of a separate report.



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How will schools help my child if they are not performing at grade level?

If my child scores below the proficiency level on approved assessments or demonstrates the signs of dyscalculia:

He/she will be provided intensive, daily mathematics intervention to address his/her deficiency.

The interventions will be additional instructional time often referred to as Tier 2 or Tier 3.

The teacher will provide reports during grading periods detailing the deficiencies, interventions, growth, and strengths of your child.

He/she will be provided learning in a summer achievement program to address those deficiencies.



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