

ALABAMA NUMERACY ACT TOOLBOX

K-5 Teachers



Each K-5 teacher who is providing instruction in mathematics, with the full support of his or her principal, shall do all the following:

Instructional Time

- Dedicate an average minimum of 60 minutes per day for Tier I mathematics instruction, for a minimum of 164 instructional hours per year.

Lesson Planning and Implementation

- Use approved comprehensive mathematics curricula for core instruction recommended by the Elementary Mathematics Task Force (EMTF), in addition to high quality print and online resources to carefully plan units and lessons based on the grade-level mathematics content standards.

Building Fluency and Access to Tools

- Build fluency with procedures on a foundation of conceptual understanding, strategic reasoning, and problem solving over time.
- Provide access to tools, including any available technology, that support mathematical thinking.

Learning Environment

- Provide a learning environment that promotes student reasoning, student discourse, and student questioning and critiquing the reasoning of their peers

Teaching Practices

- Consistently implement the evidence-based mathematics teaching practices as recommended by the EMTF.
- Gather evidence of student understanding to inform the planning of next instructional steps.
- Provide students with descriptive and timely feedback on assessments to include strengths, weaknesses, and next steps for progress toward learning targets.

Avoid engaging in practices that minimize sense making and understanding of mathematics concepts.

