

**Vision of Mathematics in JMCSS**

All students in Jackson-Madison County will have access to research-based, high-quality math instruction that engages the students in rigorous, grade-level work that builds a balance of conceptual understanding, procedural fluency, and application in a positive classroom community.

**Mathematical Priorities**

1. Educators will deepen all students’ understanding of new math standards by teaching to the rigor of the standards using aligned and high-quality instructional materials for instruction.
2. Educators will engage all learners in processes that deepen their understanding of mathematics by moving beyond procedural thinking to conceptual thinking.
3. Math lessons will consist of visuals, accurate and concise direct-explicit instruction, whole group instruction, paired and individual practice with frequent checks for understanding, feedback and readjustments of instruction.

**Mathematical Routines of Practice**

1. All students will engage in regular routines to develop mathematical fluency.
2. All students will engage in the precise use of mathematical academic vocabulary.
3. All students will be able to collaborate with peers through regular math discourse.
4. All students will be given opportunities to persevere through deep engagement with complex tasks.
5. All students will have the opportunity to use manipulatives to help solve math problems.