

**3501.0715 GRADE 3 STANDARDS.****Subpart 1. Number and operation.**

A. The student will compare and represent whole numbers up to 100,000 with an emphasis on place value and equality.

B. The student will add and subtract multidigit whole numbers. The student will represent multiplication and division in various ways. The student will solve real-world and mathematical problems using arithmetic.

C. The student will understand meanings and uses of fractions in real-world and mathematical situations.

**Subp. 2. Algebra.**

A. The student will use single-operation input-output rules to represent patterns and relationships, and to solve real-world and mathematical problems.

B. The student will use number sentences involving multiplication and division basic facts and unknowns to represent and solve real-world and mathematical problems. The student will create real-world situations corresponding to number sentences.

**Subp. 3. Geometry and measurement.**

A. The student will use geometric attributes to describe and create shapes in various contexts.

B. The student will understand perimeter as a measurable attribute of real-world and mathematical objects. The student will use various tools to measure distances.

C. The student will use time, money, and temperature to solve real-world and mathematical problems.

Subp. 4. **Data analysis.** The student will collect, organize, display, and interpret data. The student will use labels and a variety of scales and units in displays.

**Statutory Authority:** *MS s 120B.023*

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