

**THIRD GRADE
MINNESOTA ACADEMIC STANDARDS IN MATHEMATICS**

**NUMBER &
OPERATION**

Compare and represent whole numbers up to 100,000 with an emphasis on place value and equality

Add and subtract multi-digit whole numbers; represent multiplication and division in various ways; solve real-world and mathematical problems using arithmetic.

Understand meanings and uses of fractions in real-world and mathematical situations.

ALGEBRA

Use single-operation input-output rules to represent patterns and relationships and to solve real-world and mathematical problems.

Use number sentences involving multiplication and division basic facts and unknowns to represent and solve real-world and mathematical problems; create real-world situations corresponding to number sentences.

**GEOMETRY &
MEASUREMENT**

Use geometric attributes to describe and create shapes in various contexts

Understand perimeter as a measurable attribute of real-world and mathematical objects. Use various tools to measure distances.

Use time, money and temperature to solve real-world and mathematical problems.

DATA ANALYSIS

Collect, organize, display, and interpret data. Use labels and a variety of scales and units in displays.

