

Mansfield Independent School District
Mathematics Assurances
Grade: Third

Assurances

By the end of third grade, students will:

- Demonstrate understanding of basic addition, subtraction, multiplication and division facts.
- Differentiate when to use addition, subtraction, multiplication, and division to solve multiple step problems connected to everyday experiences.
- Use place value to read, write, compare, and locate (on a number line) whole numbers.
- Use fractional names and symbols to describe fractional parts of whole objects or sets of objects.
- Determine the value of a collection of coins and bills.
- Solves problems by collecting, organizing, displaying, and interpreting sets of data such as charts and graphs
- Identify, generate, and compare patterns, relationships and algebraic thinking to solve problems.
- Identify relationships in geometry including symmetry and congruency
- Locate and name points on a number line using whole numbers and fractions such as halves and fourths.
- Identify, classify, and describe two and three dimensional figures.
- Applies appropriate units to measure and estimate weight, capacity, volume, length, perimeter, area, time and temperature.
- Create problem solving models to solve appropriate grade level problems.
- Justify answers
- Communicates mathematically