

Mansfield Independent School District
Mathematics Assurances
Grade: Fourth

Assurances

By the end of the grade level, students will:

- Demonstrate knowledge of addition, subtraction, multiplication, and division facts.
- Use place value to read, write, compare, and locate whole numbers through millions and decimals through hundredths.
- Solve addition and subtraction problems using whole numbers and solve decimal problems using concrete and pictorial models.
- Solve problems using multiplication (2 digits) and division (1 digit).
- Round numbers to the nearest ten, hundred, or thousand, and estimate to find sums, differences, products, and quotients.
- Generate, compare, and order fractional parts of whole objects or groups of objects using concrete and pictorial models.
- Identify, compare, and contrast solids, angles, congruent figures, lines of symmetry, and points on a number line.
- Applies appropriate units to measure and estimate weight, capacity, length, perimeter, area, time, and temperature.
- Collect and organize, display, and interpret sets of data.
- Create problem-solving models to solve appropriate grade level problems.
- Justify answers.
- Communicate mathematically.