

Content Standards & Benchmarks: Mathematics
Grade 5
West Des Moines Community School District

- Standard #1: Students will use mathematics to solve problems, communicate, and work with others.
- 5.1.a solve problems using the “make a table” strategy.
 - 5.1.b solve problems using the “extra data” strategy.
 - 5.1.c solve multiple step problems.
- Standard #2: Students will use measurement skills.
- 5.2.d measure length to the nearest $\frac{1}{4}$ inch.
 - 5.2.e change customary units of capacity from pints to gallons.
- Standard #3: Students will use reasoning skills, mental mathematics, and estimation skills.
- 5.3.f round to the nearest million.
 - 5.3.g solve problems using the “make an organized list” strategy.
- Standard #4: Students will perform mathematical operations and see relationships among numbers.
- 5.4.h add fractions with like denominators.
 - 5.4.i subtract fractions with like denominators.
 - 5.4.j reduce fractions to lowest terms.
 - 5.4.k add decimals with four digits.
 - 5.4.l subtract decimals with four digits.
 - 5.4.m multiply decimals with 2 and 3 digit factors.
- Standard #5: Students will demonstrate a development of spatial sense.
- 5.5.n draw or construct a(n) acute, obtuse and right angle.
- Standard #6: Students will collect and analyze data.
- 5.6.o analyze a double bar graph.
 - 5.6.p analyze a line graph.
- Standard #7: Students will use patterns and relationships to solve problems.
- 5.7.q demonstrate an understanding of place value through millions.