

5th Grade Math Unit 1

Topic

Whole Number Computation and Application

Standards

NBT - Numbers and Operations in Base Ten

5.NBT.2: Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, using exponents (emphasis of Unit 1), and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.

5.NBT.5: Fluently multiply multi-digit whole numbers using the standard algorithm.

5.NBT.6: Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models (2019-2020 allow algorithm).

OA - Operations and Algebraic Thinking

5.OA.1: Use parentheses, brackets, or braces in numerical expressions, and Evaluate expressions with these symbols.

Resources

Units have been created locally by District 114 teachers, in alignment to grade-level state standards, and draw upon readings and activities from a variety of sources, including but not limited to ***enVisions***.