

4th Grade Mathematics- What Your Child Will Learn

In **Fourth Grade** your child will continue to build their understanding of fractions by creating equal fractions, comparing the size of fractions, adding and subtracting fractions, and multiplying fractions by whole numbers. They will also start to understand the relationship between fractions and decimals. They will use addition, subtraction, multiplication, and division with whole numbers to solve problems. Instructional activities may include:

- Adding and subtracting whole numbers up to one million quickly and accurately
- Multiplying and dividing multi-digit numbers using a variety of strategies
- Finding factors, multiples and determining if a number is prime or composite
- Extending understanding of fractions by comparing the size of two fractions with different numerators and different denominators
- Creating equal fractions
- Decomposing (breaking apart) and composing (putting together) fractions
- Adding and subtracting fractions
- Connecting addition and subtraction of whole numbers to multiplying fractions by whole numbers
- Connecting addition of fractions to the concept of angle measurement
- Finding equivalent decimals for fractions with denominators of 10 or 100
- Locating decimals on a number line
- Comparing decimals and fractions using symbols $<$ (less than), $>$ (greater than), $=$ (equal)
- Converting measurements from larger units to smaller units