

Critical Areas of Focus for Mathematics Grades 3 - 5

Grade 3	Grade 4	Grade 5
Expand student's understanding of number to include fractions, especially unit fractions	Apply previous experiences with multiplication, division, and place value to develop an understanding of multi-digit factors and multi-digit dividends	Apply student's knowledge of place value and operations on whole numbers to decimal fractions and two-digit divisors
Develop an understanding of the meaning of and strategies for the operations of multiplication and division making frequent connections to the concept of area	Apply previous experiences with addition, subtraction, multiplication, and fraction equivalence to operate on fractions with like denominators and multiplying a fraction by a whole number	Apply previous experiences with operations on fractions to extend to unlike denominators, multiplying two fractions, and using the relationship between multiplication and division to understand ideas surrounding the division of fractions
Reason with shapes and their attributes	Classify geometric figures by specific properties	Develop an understanding of volume

The Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

*The Standards for Mathematical Practice describe "how" students should interact with the "what" of the content standards. Teachers **must** integrate these standards into their daily lessons carefully selecting those practices that connect to the content.*