

Math Report Card Standards

Grade 3

Broad Category	Skill Descriptor	1	2	3	4
Number and Operations	Apply place value understanding and properties of operations to perform multi-digit arithmetic	X	X		X
	Explore and develop an understanding of fractions as numbers.				X
Algebraic Concepts	Represent and solve problems involving multiplication and division.		X	X	X
	Understand properties of multiplication and the relationship between multiplication and division.		X		
	Demonstrate multiplication fluency (factors of 1, 2, 5 and 10).		X		
	Demonstrate multiplication fluency (products up to 100).			X	
	Demonstrate division fluency.				X
	Solve problems involving addition and subtraction and identify and explain patterns in arithmetic.	X			
Geometry	Solve problems involving the four operations and identify and explain patterns in arithmetic.		X	X	X
	Identify, compare, and classify shapes and their attributes.			X	X
Data Analysis and Probability	Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.				X
	Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.			X	X
	Tell and write time to the nearest minute.	X	X		X
	Solve problems by calculating elapsed time.	X			X
	Solve problems involving money using a combination of coins and bills.	X			X
	Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.		X	X	X
	Determine the area of a rectangle and apply the concept to multiplication and to addition.		X	X	
Solve problems involving perimeters of polygons and distinguish between linear and area measures.			X		
Mathematical Practices	Uses the standards of mathematical practices effectively. *	X	X	X	X