CCSS for Math
Highlights for Basic Concepts

KDG	1st	2nd	3rd	4th	5th
Count to 100 by ones and by tens; count as many as 20 things	Count to 120	Count within 1000, skip-count by 5s, 10s, and 100s			
Write numbers from 0 to 20	Read and write numbers to 120	Read and write numbers to 1000 using numerals, number names, and expanded form		Read and write multi-digit whole numbers using numerals, number names, and expanded form	Read and write decimals to thousandths using numerals, number names, and expanded form
	Understand tens and ones	Understand ones, tens, and hundreds	Introduce fractions with regions and number lines	Introduce decimals, continue fractions	
			Introduce comparing and ordering fractions (especially with same numerator or same denominator), find simple equivalent fractions	Add and subtract fractions and mixed numbers with like denominators, multiply fractions by whole numbers	Add and subtract fractions with unlike denominators, multiply and divide fractions and mixed numbers
		Identify even and odd numbers	Round whole numbers to the nearest 10 or 100	Round multi-digit whole numbers to any place	Round decimals to any place
Add and subtract within 10; Fluently add and subtract within 5	Add and subtract within 20, demonstrating fluency for addition and subtraction within 10	Fluently add and subtract within 20, Fluently add and subtract within 100 using strategies; Add up to four two-digit numbers	Fluently add and subtract within 1000 using strategies; Fluently multiply and divide within 100 using strategies	Multiply up to four digits by a one-digit number, or two two-digit numbers using strategies; Divide whole numbers by one digit, including remainders, using digits using strategies	Add, subtract, multiply, and divide decimals to hundredths, using models and strategies; Divide whole numbers by two whole numbers using strategies
		Know from memory all sums of two one-digit numbers (facts)	Know from memory all products of one-digit numbers (facts)	Fluently add and subtract multi-digit whole numbers using the standard algorithms	Fluently multiply multi-digit whole numbers using the standard algorithm
	Tell and write time in hours and half hours	Tell and Write time to the nearest five minutes using a.m. and p.m.; Word problems involving money	Tell and write time to the nearest minute; measure time intervals in minutes		

CCSS for Math
Highlights for Problem Solving

KDG	1st	2nd	3rd	4th	5th
Solve addition and subtraction word problems within 10	Use addition and subtraction within 20 to solve word problems	Use addition and subtraction within 100 to solve one- and two-step word problems	Solve two-step word problems using the four operations.	Solve multi-step word problems involving the four operations, including problems in which remainders must be interpreted	Solve word problems involving addition and subtraction of fractions, including cases of unlike denominators
	Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20		Use multiplication and division within 100 to solve word problems	Solve word problems involving addition and subtraction of fractions with like denominators	Solve real world problems involving multiplication of fractions and mixed numbers
	Using data with up to three categories, answer questions about the total # of data points, # in each category, and # more or less of one thing than another	Solve simple put together, take-apart, and compare problems using information presented in a bar graph	Solve word problems involving masses or volumes of objects that are given in the same units	Use the four operations to solve word problems involving distance, time, liquid volume, mass, and money	Solve real world problems involving division of unit fractions by whole numbers and whole numbers by unit fractions
		Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units	Solve word problems involving addition and subtraction of time intervals in minutes	Solve word problems involving multiplication of a fraction by a whole number	Solve multi-step, real world problems using conversions among different-sized measurement units with a system
		Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols	Solve real world and mathematical problems involving area and perimeter	Solve word problems that require expressing measurements given in a larger unit in terms of a smaller unit	Use addition, multiplication, and formulas to solve real world and mathematical problems involving volume
				Apply the area and perimeter formulas for rectangles in real world and mathematical problems	Represent real world and mathematical problems by graphing and interpreting points in the first quadrant of the coordinate plane
				Solve addition and subtraction problems to find unknown angles on a diagram in real world or mathematical problems	