

2nd Grade Math

Standard	Exceeds (4)	Secure (3)	Developing (2)	Beginning (1)
Solves single and multiple step addition and subtraction word problems, within 100, using a variety of methods.	Solves a variety of one and two-step word problems within 1000.	Solves a variety of one and two-step word problems within 100.	Solves a variety of one-step word problems within 100.	Solves a story problem of a simple structure within 20.
Fluently adds and subtracts two one-digit numbers using mental strategies.	Applies mental strategies for addition and subtraction fluently beyond 20.	Applies mental strategies for addition and subtraction fluently within 20.	Applies mental strategies for addition or subtraction fluently within 20.	Uses a counting strategy to solve most addition and subtraction problems within 20.
Writes an equation to show the sum of equal addends.	Writes an equation to show the sum of equal addends (beyond 20) with explanation.	Writes an equation to show the sum of equal addends (up to 20) with explanation.	Writes an equation to show the sum of equal addends (up to 20) with no explanation.	Writes an equation to show the sum of equal addends (below 20) with explanation.
Count, read, writes, and compares numbers 0-1,000	Shows understanding of place value beyond 1,000 in a variety of ways. Compares four digit numbers using the symbols $>$, $<$, $=$ and appropriate language.	Shows understanding of place value within 1,000 in a variety of ways. Compares three digit numbers using the symbols $>$, $<$, $=$ and appropriate language.	Shows understanding of place value within 1,000 in a variety of ways. Compares three digit numbers using the symbols $>$, $<$, $=$ OR appropriate language.	Shows understanding of place value within 100 in a variety of ways. Compares two digit numbers using the symbols $>$, $<$, $=$ OR appropriate language.
Fluently regroups up to four two-digit numbers when adding	Fluently regroups more than four 2-digit numbers when adding.	Fluently regroups four 2-digit numbers when adding.	Fluently regroups three 2-digit numbers when adding.	Fluently regroups two 2-digit numbers when adding.
Fluently regroups 2-digit numbers when subtracting	Fluently regroups 3-digit numbers when subtracting without aid of manipulatives but can demonstrate	Fluently regroups 2-digit numbers when subtracting without aid of manipulatives but can demonstrate	Fluently regroups 2-digit numbers when subtracting with aid of manipulatives demonstrating understanding	Regroups 2-digit numbers with teacher support.

	understanding of base ten.	understanding of base ten.	of base ten.	
Adds and subtracts numbers 0-1,000 using variety of strategies	Fluently adds and subtracts numbers beyond 1,000 using a variety of strategies without aid of manipulatives but can demonstrate understanding of place value.	Fluently adds and subtracts numbers within 1,000 using a variety of strategies without aid of manipulatives but can demonstrate understanding of place value.	Fluently adds and subtracts numbers within 1,000 using a variety of strategies with aid of manipulatives demonstrating understanding of place value.	Fluently adds and subtracts numbers within 1,000 with teacher support.
Identifies and draws geometric shapes based on attributes	Identifies and draws 2-D and 3-D shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes plus remaining 3-D shapes) and justifies defining attributes (sides, angles, vertices, and faces)	Identifies and draws 2-D and 3-D shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) and justifies defining attributes (sides, angles, vertices, and faces)	Identifies and draws 2-D and 3-D shapes. (triangles, quadrilaterals, pentagons, hexagons, and cubes)	Identifies 2-D and 3-D shapes. (triangles, quadrilaterals, pentagons, hexagons, and cubes)
Identifies and shows equal parts of rectangles and circles.	Identifies, draws, and justifies partitioned shapes of equal parts (even denominator fractions beyond $1/2$, $1/3$, $1/4$). Partitions a rectangle into same size squares to find area.	Identifies, draws, and justifies partitioned shapes of equal parts ($1/2$, $1/3$, $1/4$). Partitions a rectangle into same size squares to find area.	Identifies and draws partitioned shapes of equal parts ($1/2$, $1/3$, $1/4$). Partitions a rectangle into same size squares to find area.	Identifies partitioned shapes of equal parts. ($1/2$, $1/3$, $1/4$)
Measure and estimates lengths in standard units	Applies all secure skills while measuring to the nearest fractional unit.	Estimates lengths, measures to the nearest whole unit, uses different units to compare the length of the same object, and describes how the measurements relate to the size of the units.	Selects the appropriate measurement tool and accurately measures to the nearest whole unit.	Selects the appropriate measurement tool and inconsistently measures to the nearest whole unit.
Tells and writes time to	Reads, writes, and shows the	Reads, writes, and shows the	Reads, writes, and shows the	Reads, writes, and shows the

the nearest 5 minutes	time, including AM and PM, to the minute mark and demonstrates an understanding of elapsed time.	time, including AM and PM, to the five minute mark.	time, including AM and PM, to the fifteen minute mark.	time, including AM and PM, to the half-hour mark.
Describes the relationship among standard units of time.	Solves word problems involving relationships among standard units of time including minutes, hours, days, weeks, months, and years.	Identifies and explains the relationship among standard units of time including minutes, hours, days, weeks, months, and years.	Identifies the relationship among standard units of time including minutes, hours, days, weeks, months, and years.	Identifies the relationship among some, but not all, standard units of time including minutes, hours, days, weeks, months, and years.
Collects and interprets data to create graphs and answer questions	Creates, organizes, represents and interprets a scaled picture graph (1:2) and a scaled bar graph to represent a data set with several categories. Solves one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs.	Creates, organizes, represents, and interprets data on a graph with up to four categories; solves simple adding (put together), subtracting (take apart) and compare problems.	Labels graph and plots given data. Answers comparison questions.	Plots given data on a labeled graph and answers simple “How many?” questions.
Solves word problems using coins, dollar bills, and appropriate symbols.	Solves making-change word problems beyond \$1.00.	Solves word problems using coin combinations and exchanges beyond \$1.00 using \$ and ¢ symbols appropriately.	Solve word problems using coin combinations and exchanges within \$1.00 involving quarters, dimes, nickels, and pennies and using \$ and ¢ symbols appropriately.	Counts combinations and exchanges quarters, dimes, nickels, and pennies.