

Essential Learning Goals for Mathematics for Grade 1

Trimester	Unit	Domain	Common Core State Standard	Grade 1 Essential Learning Goals
1	1: Establishing Routines	Number and Operations in Base Ten	1.NBT.1	Count to 120 by ones and tens. Count on from given number. Write numbers from 0 to 120. Represent numbers of objects with written numerals. (ELG.MA.NN1)
		Operations and Algebraic Thinking	1.OA.1	Represent and solve word problems involving addition and subtraction within 20. (ELG.MA.1.OA4)
			1.OA.5	Relate counting to addition and subtraction. (ELG.MA.1.NN2)
	2: Everyday Uses of Numbers	Operations and Algebraic Thinking	1.OA.5	Relate counting to addition and subtraction. (ELG.MA.1.NN2)
			1.OA.6	Add and subtract within 20 using strategies, such as counting on, making ten, decomposing numbers leading to a ten, using the relationship between addition and subtraction, and creating equivalent but easier or known sums. (ELG.MA.1.NN5)
			1.OA.7	Work with addition and subtraction equations (determine whether equations are true or false; determine unknown whole numbers in addition or subtraction equations). (ELG.MA.1.PFA1)
		Measurement and Data	1.MD.3	Tell and write time in hours and half-hours. (ELG.MA.1.MRF3)
	3: Visual Patterns, Number Patterns, and Counting (Count, Collect, Compare)	Number and Operations in Base Ten	1.NBT.1	Count to 120 by ones and tens. Count on from given number. Write numbers from 0 to 120. Represent numbers of objects with written numerals. (ELG.MA.NN1)
		Operations and Algebraic Thinking	1.OA.5	Relate counting to addition and subtraction. (ELG.MA.1.NN2)
			1.OA.6	Fluently add and subtract within 10. (ELG.MA.1.OA1)
		Measurement and Data	1.MD.3	Tell and write time in hours and half-hours. (ELG.MA.1.MRF3)
			1.MD.4	Ask and answer questions about the total number of data points in one category and how that number compares to the other categories. (ELG.MA.1.DC2) Organize and represent with up to three categories. (ELG.MA.1.DC1)
N/A	Personal Financial Literacy (Colorado Standard)	Know and compare values of pennies, nickels, dimes, quarters, and dollar bills. Make exchanges between coins. (ELG.MA.1.MRF2)		
2	4: Measurement and Basic Facts (Keeping Track)	Operations and Algebraic Thinking	1.OA.5	Relate counting to addition and subtraction. (ELG.MA.1.NN2)
			1.OA.6	Add and subtract within 20 using strategies, such as counting on, making ten, decomposing numbers leading to a ten, using the relationship between addition and subtraction, and creating equivalent but easier or known sums. (ELG.MA.1.NN5) Fluently add and subtract within 10. (ELG.MA.1.OA1)
		Measurement and Data	1.MD.1–2	Measure lengths indirectly and by iterating length units. (ELG.MA.1.MRF1)
	5: Place Value, Number Stories, and Basic Facts (Is it a ten or a one?)	Number and Operations in Base Ten	1.NBT.2a–c	Understand place values of two-digit numbers represent amounts of tens and ones. (ELG.MA.1.NN3)
			1.NBT.3	Compare two, two-digit numbers and record results with the symbols $>$, $<$, and $=$. (ELG.MA.1.NN6)
		Number and Operations in Base Ten and Operations and Algebraic Thinking	1.NBT.4–6; 1.OA.3	Add within 100, including adding two-digit numbers and one-digit numbers and adding two-digit numbers and multiples of 10, using concrete models or drawings and strategies. Mentally find 10 more or 10 less than two-digit numbers. Subtract multiples of 10 in the range 10–90 from multiples of 10 in the range 10–90 using concrete models or drawing and strategies. (ELG.MA.1.OA2)

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2	5: Place Value, Number Stories, and Basic Facts (Is it a ten or a one?)	Operations and Algebraic Thinking	1.OA.1–2	Represent and solve word problems involving addition and subtraction within 20. Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20. (ELG.MA.1.OA4)
			1.OA.4	Understand subtraction as an unknown-addend problem. (ELG.MA.1.OA4)
			1.OA.6	Add and subtract within 20 using strategies, such as counting on, making ten, decomposing numbers leading to a ten, using the relationship between addition and subtraction, and creating equivalent but easier or known sums. (ELG.MA.1.NN5)
				Fluently add and subtract within 10. (ELG.MA.1.OA1)
	1.OA.7–8	Work with addition and subtraction equations (determine whether equations are true or false; determine unknown whole numbers in addition or subtraction equations). (ELG.MA.1.PFA1)		
	6: Developing Fact Power (What's faster than counting?)	Operations and Algebraic Thinking	1.OA.6	Fluently add and subtract within 10. (ELG.MA.1.OA1)
1.NBT.4–6; 1.OA.3			Add within 100, including adding two-digit numbers and one-digit numbers and adding two-digit numbers and multiples of 10, using concrete models or drawings and strategies. Mentally find 10 more or 10 less than two-digit numbers. Subtract multiples of 10 in the range 10–90 from multiples of 10 in the range 10–90 using concrete models or drawing and strategies. (ELG.MA.1.OA2)	
1.OA.7–8			Work with addition and subtraction equations (determine whether equations are true or false; determine unknown whole numbers in addition or subtraction equations). (ELG.MA.1.PFA1)	
3	7: Geometry and Attributes (What's in a shape?)	Geometry	1.G.1–2	Distinguish between defining attributes versus nondefining attributes. Build and draw shapes to possess defining attributes. Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, right circular cylinders) to create composite shapes and compose new shapes from composite shapes. (ELG.MA.1.G1)
	8: Mental Arithmetic, Money, and Fractions	Geometry	1.G.3	Partition circles and rectangles into two and four equal shares and describe shares using the words “halves,” “fourths,” and “quarters.” (ELG.MA.1.NN4)
	9: Place Value and Fractions	Number and Operations in Base Ten	1.NBT.2a–c	Understand place values of two-digit numbers represent amounts of tens and ones. (ELG.MA.1.NN3)
			1.NBT.3	Compare two, two-digit numbers and record results with the symbols $>$, $<$, and $=$. (ELG.MA.1.NN6)
			1.NBT.4–6	Add within 100, including adding two-digit numbers and one-digit numbers and adding two-digit numbers and multiples of 10, using concrete models or drawings and strategies. Mentally find 10 more or 10 less than two-digit numbers. Subtract multiples of 10 in the range 10–90 from multiples of 10 in the range 10–90 using concrete models or drawing and strategies. (ELG.MA.1.OA2)
		Geometry	1.G.3	Partition circles and rectangles into two and four equal shares and describe shares using the words “halves,” “fourths,” and “quarters.” (ELG.MA.1.NN4)
	10: Year-End Review and Assessment	Number and Operations in Base Ten	1.NBT.4–6	Add within 100, including adding two-digit numbers and one-digit numbers and adding two-digit numbers and multiples of 10, using concrete models or drawings and strategies. Mentally find 10 more or 10 less than two-digit numbers. Subtract multiples of 10 in the range 10–90 from multiples of 10 in the range 10–90 using concrete models or drawing and strategies. (ELG.MA.1.OA2)
		Geometry	1.G.1–2	Distinguish between defining attributes versus nondefining attributes. Build and draw shapes to possess defining attributes. Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, right circular cylinders) to create composite shapes and compose new shapes from composite shapes. (ELG.MA.1.G1)