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Most Essential Learning Competencies (MELCs)



Grade Level: Grade 1
Subject: Mathematics

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
Q1	demonstrates understanding of whole numbers up to 100, ordinal numbers up to 10th, money up to PhP100.	1. is able to recognize, represent, and order whole numbers up to 100 and money up to PhP100 in various forms and contexts. 2. is able to recognize, and represent ordinal numbers up to 10th, in various forms and contexts.	Visualizes, represents and counts numbers from 0 to 100 using a variety of materials and methods.	Week 1	M1NS-Ia-1.1
			identifies the number that is one more or one less from a given number.	Week 2	M1NS-Ib-3
			regroups sets of ones into sets of tens and sets of tens into hundreds using objects.	Week 3	M1NS- Id-5
			compares two sets using the expressions “less than,” “more than,” and “as many as” and orders sets from least to greatest and vice versa.	Week 4	
			reads and writes numbers up to 100 in symbols and in words.	Week 5	M1NS-If-9.1
			visualizes and gives the place value and value of a digit in one- and two-digit numbers.	Week 6	M1NS-Ig-10.1
			renames numbers into tens and ones.		M1NS-Ig-11
			compares numbers up to 100 using relation symbol and orders them in increasing or decreasing order.	Week 7	
			Identifies, reads and writes ordinal numbers: 1st , 2nd, 3rd, up to 10th object in a given set from a given point of reference.	Week 8	
recognizes and compares coins and bills up to PhP100 and their notations.	Week 9	M1NS-Ij-19.1			
Q2	demonstrates understanding of addition and subtraction of whole numbers up to 100	is able to apply addition and subtraction of whole numbers up to 100 including money in mathematical	illustrates addition as “putting together or combining or joining sets”	Week 1 to 2	M1NS-IIa-23
			visualizes and adds the following numbers using appropriate techniques: a. two one-digit numbers with sums up to 18 b. three one-digit numbers c. numbers with sums through 99 without and with regrouping		

Quarter	Content Standards	Performance Standards	Most Essential Learning competencies	Duration	K to 12 CG Code
	The learner... to 100 including money	The learner... problems and real-life situations.	The learner... visualizes and solves one-step routine and non-routine problems involving addition of whole numbers including money with sums up to 99 using appropriate problem solving strategies.	Week 3	M1NS-Ile-29.1
			illustrates subtraction as “taking away” or “comparing” elements of sets.	Week 4	M1NS-IIf-24
			illustrates that addition and subtraction are inverse operations.		M1NS-IIf-25
			visualizes, represents, and subtracts the following numbers: a. one-digit numbers with minuends through 18 (basic facts) b. one- to two-digit numbers with minuends up to 99 without regrouping c. one- to two-digit numbers with minuends up to 99 with regrouping	Week 5 to 6	
			subtracts mentally one-digit numbers from two-digit minuends without regrouping using appropriate strategies.	Week 7	M1NS-Ili-33.1
			visualizes, represents, and solves routine and non-routine problems involving subtraction of whole numbers including money with minuends up to 99 with and without regrouping using appropriate problem solving strategies and tools.	Week 8	M1NS-Ili-34.1
Q3	demonstrates understanding of fractions $\frac{1}{2}$ and $\frac{1}{4}$.	is able to recognize, represent, and compare fractions $\frac{1}{2}$ and $\frac{1}{4}$ in various forms and contexts.	counts groups of equal quantity using concrete objects up to 50 and writes an equivalent expression. e.g. 2 groups of 5	Week 1	M1NS-IIIa-37
			visualizes, represents, and separates objects into groups of equal quantity using concrete objects up to 50. e.g. 10 grouped by 5s		M1NS-IIIa-48

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
			visualizes, represents, divides a whole into halves and fourths and identifies $\frac{1}{2}$ and $\frac{1}{4}$ of a whole object.	Week 2	
			visualizes, represents and divides the elements of sets into two groups of equal quantities to show halves and four groups of equal quantities to show fourths	Week 3	
			visualizes and draws the whole region or set given its $\frac{1}{2}$ and/or $\frac{1}{4}$	Week 4	M1NS-III d-75
	demonstrates understanding of 2-dimensional and 3-dimensional figures.	is able to describe, compare, and construct 2-dimensional and 3-dimensional objects	identifies, names, and describes the four basic shapes (square, rectangle, triangle and circle) in 2-dimensional (flat/plane) and 3- dimensional (solid) objects.	Week 5	M1GE-III e-1
draws the four basic shapes.			Week 6	M1GE-III f-3	
constructs three dimensional objects (solid) using manipulative materials.				M1GE-III f-4	
	demonstrates understanding of continuous and repeating patterns and mathematical sentences.	is able to apply knowledge of continuous and repeating patterns and number sentences in various situations.	determines the missing term/s using one attribute in a given continuous pattern (letters/ numbers/events) and in a given repeating pattern (letters, numbers, colors, figures, sizes, etc.).	Week 7	
constructs equivalent number expression using addition and subtraction. e.g. $6 + 5 = 12 - 1$			Week 8	M1AL-III h-8	
identifies and creates patterns to compose and decompose using addition. e.g. $7 = 0 + 7, 1 + 6, 2 + 5, 3 + 4, 4 + 3, 5 + 2, 6 + 1, 7 + 0$				M1AL-III i-9	
visualizes and finds the missing number in an addition or subtraction sentence using a variety of ways e.g. $n + 2 = 5$ $5 - n = 3$			Week 9	M1AL-III j-10	

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
Q4	demonstrates understanding of time and non-standard units of length, mass and capacity.	is able to apply knowledge of time and non-standard measures of length, mass, and capacity in mathematical problems and real-life situations	tells the days in a week; months in a year in the right order.	Week 1	M1ME-IVa-1
			determines the day or the month using a calendar.	Week 2	M1ME-IVa-2
			tells and writes time by hour, half-hour and quarter-hour using analog clock.	Week 3	M1ME-IVb-3
			solves problems involving time (days in a week, months in a year, hour, half-hour, and quarter-hour)	Week 4	M1ME-IVb-4
			compares objects using comparative words: short, shorter, shortest; long, longer, longest; heavy, heavier, heaviest; light, lighter, lightest.	Week 5 to 6	M1ME-IVc-19
			estimates and measures length, mass and capacity using non- standard units of measures.	Week 7	
	demonstrates understanding of pictographs without scales and outcomes of an event.	is able to interpret simple representations of data (tables and pictographs without scales).	infers and interprets data presented in a pictograph without scales. e.g. finding out from the title what the pictograph is all about, comparing which has the least or greatest ...	Week 8	M1SP-IVh-3.1
			solves routine and non-routine problems using data presented in pictograph without scales.	Week 9	M1SP-IVh-4.1

Grade Level: Grade 2
Subject: Mathematics

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
Q1	1. demonstrates understanding of whole numbers up to 1000, ordinal	1. is able to recognize, represent, compare, and order	visualizes and represents numbers from 0-1000 with emphasis on numbers 101 – 1 000 using a variety of materials.	Week 1	M2NS-Ia-1.2
			gives the place value and finds the value of a digit in three-digit numbers.		M2NS-Ib-10.2
			visualizes and counts numbers by 10s, 50s, and 100s.	Week 2	M2NS-Ib-8.2