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Most Essential Learning Competencies (MELCs)



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

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
	numbers up to 20th, and money up to PhP100. 2. demonstrates understanding of addition of whole numbers up to 1000 including money.	whole numbers up to 1000, ordinal numbers up to 20th, and money up to PhP100 in various forms and contexts. 2. is able to recognize and represent ordinal numbers up to 20th in various forms and contexts. 3. is able to apply addition of whole numbers up to 1000 including money in mathematical problems and real-life situations.	reads and writes numbers up to 1 000 in symbols and in words.	Week 3	M2NS-Ic-9.2
			visualizes and writes three-digit numbers in expanded form.		M2NS-Ic-14
			compares numbers up using relation symbols and orders numbers up to 1 000 in increasing or decreasing order.		
			Identifies, reads and writes ordinal numbers from 1st through the 20th object in a given set from a given point of reference.	Week 4	
			reads and writes money in symbols and in words through PhP100.		M2NS-If-20.1
			counts the value of a set of bills or a set of coins through PhP100 (peso-coins only; centavo-coins only; peso-bills only and combined peso-coins and peso-bills).	Week 5	M2NS-If-21
			compares values of different denominations of coins and paper bills through PhP100 using relation symbols.		M2NS-If-22.1
			illustrates the properties of addition (commutative, associative, identity) and applies each in appropriate and relevant situations.	Week 6	M2NS-Ig-26.3
			visualizes, represents, and adds the following numbers with sums up to 1000 without and with regrouping: a. 2-digit by 3-digit numbers b. 3-digit by 3-digit numbers		
			adds mentally the following numbers using appropriate strategies: a. 1- to 2-digit numbers with sums up to 50 b. 3-digit numbers and 1-digit numbers c. three -digit numbers and tens (multiples of 10 up to 90)	Week 7 to 8	

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
			d. 3-digit numbers and hundreds (multiples of 100 up to 900)		
			solves routine and non-routine problems involving addition of whole numbers including money with sums up to 1000 using appropriate problem solving strategies and tools.	Week 9	M2NS-Ij-29.2
Q2	demonstrates understanding of subtraction and multiplication of whole numbers up to 1000 including money.	is able to apply subtraction and multiplication of whole numbers up to 1000 including money in mathematical problems and real-life situations.	visualizes, represents, and subtracts 2- to 3-digit numbers with minuends up to 999 without and with regrouping.	Week 1	M2NS-IIa-32.5
			subtracts mentally the following numbers without regrouping using appropriate strategies: a. 1-digit numbers from 1- to 3-digit numbers b. 3-digit numbers by tens and by hundreds	Week 2	
			solves routine and non-routine problems involving subtraction of whole numbers including money with minuends up to 1000 using appropriate problem solving strategies and tools.	Week 3	M2NS-IIc-34.2
			performs orders of operations involving addition and subtractions of small numbers.	Week 4	M2NS-IId-34.3
			solves multi-step routine and non-routine problems involving addition and subtraction of 2- to 3-digit numbers including money using appropriate problem solving strategies and tools.	Week 5	M2NS-IIe-34.4
			illustrates and writes a related equation for each type of multiplication: repeated addition, array, counting by multiples, and equal jumps on the number line.	Week 6	
			illustrates the following properties of multiplication and apply each in relevant situation: (a) identity, (b) zero, and, (c) commutative.	Week 7	
			visualizes multiplication of numbers 1 to 10 by 2,3,4,5 and 10.	Week 8	M2NS-IIh-41.1

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			multiplies mentally 2,3,4,5 and 10 using appropriate strategies.		M2NS-III-42.1
			solves routine and non-routine problems using appropriate problem solving strategies and tools: a. multiplication of whole numbers including money b. multiplication and addition or subtraction of whole numbers including money	Week 9	
Q3	1. demonstrates understanding of division of whole numbers up to 1000 including money. 2. demonstrates understanding of unit fractions.	1. is able to apply division of whole numbers up to 1000 including money in mathematical problems and real-life situations. 2. is able to recognize and represent unit fractions in various forms and contexts.	visualizes and represents division, and writes a related equation for each type of situation: equal sharing, repeated subtraction, equal jumps on the number line, and formation of equal groups of objects.	Week 1	
			visualizes division of numbers up to 100 by 2,3,4,5, and 10 (multiplication table of 2, 3, 4, 5 and 10).	Week 2	M2NS-IIIb-51.1
			divides mentally numbers by 2,3,4,5 and 10 using appropriate strategies (multiplication table of 2, 3, 4, 5 and 10).	Week 3	M2NS-IIIb-52.1
			illustrates that multiplication and division are inverse operations.		M2NS-IIIc-53
			solves routine and non-routine problems involving division of numbers by 2,3,4,5 and 10 and with any of the other operations of whole numbers including money using appropriate problem solving strategies and tools.	Week 4	M2NS-IIIc-56.1
			visualizes, represents and identifies unit fractions with denominators of 10 and below.	Week 5 to 6	M2NS-IIId-72.2
			reads and writes unit fractions.		M2NS-IIId-76.1
			compares using relation symbol and arranges in increasing or decreasing order the unit fractions.		
			identifies other fractions less than one with denominators 10 and below.		M2NS-IIId-79.1
			visualizes (using group of objects and number line), reads and writes similar fractions		

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
			compares similar fractions using relation symbols.	Week 7	M2NS-III f-77.2
			arranges similar fractions in increasing or decreasing order.		M2NS-III f-78.2
	demonstrates understanding of straight and curved lines, flat and curved surfaces and basic shapes.	is able to recognize and construct straight and curved lines, flat and curved surfaces and basic shapes	constructs squares, rectangles, triangles, circles, half-circles, and quarter circles using cut-outs and square grids.	Week 8	M2GE-III g-6
			identifies straight lines and curves, flat and curved surfaces in a 3-dimensional object.		M2GE-III i-9
	demonstrates understanding of continuous patterns using two attributes	is able to apply knowledge of continuous patterns using two attributes	determines the missing term/s in a given continuous pattern using two attributes (any two of the following: figures, numbers, colors, sizes, and orientations, etc.) e.g. 1, A, 2, B, 3, C, __, __	Week 9	M2AL-III j-3
Q4	demonstrates understanding of time, standard measures of length, mass and capacity and area using square-tile units.	is able to apply knowledge of time, standard measures of length, weight, and capacity, and area using square-tile units in mathematical problems and real-life situations.	tells and writes time in minutes including a.m. and p.m. using analog and digital clocks.	Week 1	M2ME-IV a-5
			visualizes, represents, and solves problems involving time (minutes including a.m. and p.m. and elapsed time in days).		
			compares the following unit of measures: a. length in meters or centimeters b. mass in grams or kilograms c. capacity in mL or L	Week 2	
			measures objects using appropriate measuring tools and unit of length in m or cm.	Week 3	
			estimates and measures length using meter or centimeter.		M2ME-IV c-26
			solves routine and non-routine problems involving length.	Week 4	M2ME-IV c-27
			measures objects using appropriate measuring tools and measuring units in g or kg.	Week 5	

Quarter	Content Standards The learner...	Performance Standards The learner...	Most Essential Learning competencies The learner...	Duration	K to 12 CG Code
			estimates and measures mass using gram or kilogram.	Week 6	M2ME-IVe-31
			solves routine and non-routine problems involving mass.		M2ME-IVe-32
			measures objects using appropriate measuring tools in mL or L.		M2ME-IVf-33
			finds the area of a given figure using square-tile units i.e. number of square-tiles needed.	Week 7	M2ME-IVg-36
			estimates the area of a given figure using any shape.		M2ME-IVh-37
			solves routine and non-routine problems involving any figure using square tiles.	Week 8	M2ME-IVh-38
	deepens understanding of pictographs without and with scales	is able to interpret simple representations of data (pictographs without and with scales)	infers and interprets data presented in a pictograph without and with scales.	Week 9	M2SP-IVi-3.2
			solves routine and non-routine problems using data presented in a pictograph without and with scales.		M2SP-IVi-4.2

Grade Level: Grade 3
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 10 000, ordinal	1. is able to recognize, represent, compare, and	visualizes numbers up to 10 000 with emphasis on numbers 1001 - 10000.	Week 1	M3NS-Ia-1.3
			gives the place value and value of a digit in 4- to 5-digit numbers.		M3NS-Ia-10.3
			reads and writes numbers up to 10 000 in symbols and in words.		M3NS-Ia-9.3