

 GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	III
	Teacher:		Learning Area:	MATHEMATICS
	Teaching Dates and Time:	September 26-30, 2022 (WEEK 6)	Quarter:	1ST QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I OBJECTIVES					
A. <i>Content Standard</i>	Demonstrates understanding of whole numbers up to 10 000.				
B. <i>Performance Standard</i>	Learners are able to apply addition and subtraction of whole numbers including money in mathematical problems and real-life situations.				
C. <i>Learning Competency/s:</i>	solves routine and non-routine problems involving addition of whole numbers with sums up to 10 000 including money using appropriate problem solving strategies and tools. M3NS-If-29.3				
II CONTENT	Solve Routine and Non-Routine Problems Involving Addition of Whole Numbers Solve routine and non-routine problems involving addition of whole numbers with sums up to 10 000 including money using appropriate problem solving strategies and tools	Solve Routine and Non-Routine Problems Involving Addition of Whole Numbers Solve routine and non-routine problems involving addition of whole numbers with sums up to 10 000 including money using appropriate problem solving strategies and tools	Solve Routine and Non-Routine Problems Involving Addition of Whole Numbers Solve routine and non-routine problems involving addition of whole numbers with sums up to 10 000 including money using appropriate problem solving strategies and tools		
III. LEARNING RESOURCES					
A. References					
1. <i>Teacher's Guide Pages</i>	Math 3, Module 12				
2. <i>Learner's Materials pages</i>					
3. <i>Text book pages</i>					
4. <i>Additional Materials from Learning Resources</i>	Laptop, activity cards	Activity cards, flashcards	Activity cards, flashcards		
B. Other Learning Resources					
IV. PROCEDURES					
	What I Know Answer the problems.	What Is It It is important to study mathematics because we need to solve problems	What I Can Do Answer the problems.		Weekly Test

	1.) In the field, I saw 45 boys and 36 girls playing. How many children did I see? 2.) Every birthday, I put peso coins in a jar representing my age. I now have 36 peso coins in the jar. How old am I? 3.) The population of Matiao Central Elementary School is 5 300 while that of Don Luis Rabat Sr. Memorial School is 4 100. What is the total population of the two schools? 4.) Harold has ₱980. Jane has ₱130 more than Harold. How much do they have altogether? 5.) Revin and Sophia went to the bank to deposit their savings. Revin deposited ₱1 500 while Sophia deposited twice as much. How much did Sophia deposit?	involving numbers. In solving routine and non-routine problems, remember to do the following. 1. Understand the problem Make sure that you understand the words used and that the problem is clear to you. Determine what are given and what is asked. You should have all the information that you need to solve the problem. 2. Make a plan You can use different strategies and tools in solving problems. You can draw figures, diagrams, and illustrations. You can use tables and representations. You can guess and test when needed to check if your plan will help you obtain the answer to the problem. 3. Carry out the plan Use the plan to check if it works. If it does not, try another strategy. 4. Look back You need to check if your answer is correct that satisfies the condition of the problem. Read and understand the problem. Use the list of food in the canteen in solving the problem.	1. Neil wants to buy three books from the bookstore. How much money does he need if the prices of the books are listed as follows: Book A Php 450.00 Book B Php 620.00 Book C Php 560.00 2. During a garage sale, Maylene bought the following items T-Shirt Php 70.00 Jeans Php 150.00 Shoes Php 200.00 How much did it cost her to buy all three items? 3. A mango, an apple, and an orange together cost Php 73. An apple costs Php 5 more than an orange, while a mango costs Php 3 more than an apple. How much is the cost of a mango?	
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Snacks		Meals	
Sandwich	Php 15.00	Fried fish and rice	Php 30.00
Banana Cue	Php 10.00	Munggo and Rice	Php 25.00
Fruit Juice	Php 25.00	Beef Steak and Rice	Php 50.00
Fruit Salad	Php 25.00	Vegetable Salad and Rice	Php 35.00
Bottled Water	Php 10.00		

Rhean has Php 50.00 for her meal allowance in school. What can she buy with this amount? Compute the total amount of each set of food ordered.

Possible answer:	Sandwich	Php 15.00
	Banana Cue	Php 10.00
	Fruit Juice	<u>Php 25.00</u>
	Total	Php 50.00

What’s In

Activate the concept of addition that you have learned in the previous lessons by answering the following questions.

- 1.) What is the sum of 450 and 681?
- 2.) What is the sum of 2 130 and 6 150?
- 3.) Find the value of 715 added to 596.
- 4.) Combine 2 100 and 3 500. What is the sum?
- 5.) Find the sum of 5 125 and 976.

What’s More

Solve the following routine and non-routine problems.

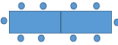
1. Fred was given 35 yellow marbles and 18 green marbles. How many marbles does Fred have in all?
2. In a farm, there are twice as many chickens as cows. If there are 104 legs altogether, find the number of chickens in the farm.
3. Jerry has 128 pieces of cubes. Sonnie has 176 pieces of cones. How many objects do they have in all?
4. A chocolate and two biscuits cost Php 84. The chocolate costs Php 12 more than the biscuit. Find the cost of the chocolate.
5. Nanay Malou’s birthday gifts to Rona are notebook and colored pencil. The notebook costs Php 178.00 while the colored pencil costs Php 10.00 more than the notebook. How much is the total amount of Nanay Malou’s gift?

Assessment

Solve the following routine and non-routine problems.

1. Merly picked 14 red roses and 16 white roses in her flower garden. How many roses were picked in all?
2. Nurse Joan worked at Davao Provincial Hospital for 180 hours last month and the same number of hours this month. How many hours would that be in all?
3. Gary and Lery worked during the summer vacation. Gary earned Php 2 800.00 while Lery earned twice that amount. How much did Lery earn?
4. Jar A contains 60 pieces of marbles. Jar B contains twice the number of marbles in Jar A. How many pieces of marbles are there altogether?
5. In a parking lot, there are thrice as many motorcycles as cars. If there are 120 wheels altogether, find the number of motorcycles.

	What's New In the previous lesson, you performed addition. You mastered adding numbers with and without regrouping. For this lesson, you will focus on solving routine and non-routine problems involving addition. Study carefully the examples below. Take note how are the answers obtained. Remember that the process of obtaining the answer is as important as the answer itself. Example 1: Josephine sold 50 pieces of rice cake. Letecia sold 65 pieces of rice cake. How many pieces of rice cake were sold? The table below provides a systematic way of analyzing the problem. <table><tr><th>What you have</th><th>What you want to find out</th><th>What you need to do</th></tr><tr><td>1. Josephine sold 50 pieces of rice cake. 2. Letecia sold 65 pieces of rice cake.</td><td>The number of pieces of rice cake that were sold</td><td>Add to get the total number of pieces of rice cake sold. 50 + 65 ----- 115 Therefore, 115 pieces of rice cake were sold.</td></tr></table> The table above shows a systematic way of answering the problem. You identified what you have, what you want to find out, and what you need to do. You used addition to get the total number of pieces of rice cake sold. You were able to determine that there were 115 pieces of rice cake sold. Example 2: A rectangular table can seat 6 persons. If two tables are placed side by side, it can seat 10. If three tables are placed side by side, it can seat 14. How many persons can be accommodated if there are 5 rectangular tables placed side by side? What I Have Learned In solving routine and non-routine problems, remember to do the following. 1. Understand the problem. Make sure that you understand the words used and that the problem is clear to you. Determine what is given and what is asked. 2. Make a plan. You can use different strategies and tools in solving problems. You can draw figures, diagrams, and illustrations. You can use tables and representations. You can guess and test when needed. 3. Carry out the plan. Use the plan to check if it works. If it does not, try another strategy. 4. Look back. You need to check if your answer is correct that satisfies the condition of the problem. Additional Activities Perform as indicated. 1. Jane is a fruit vendor at Mati Market. She sold 90 pomelos, 786 oranges, and 158 apples during the holiday season. What was the total number of fruits she sold? 2. Find a four-digit number such that the sum of its digits is 23. The sum of the ones digit and the hundreds digit is 7. The tens digit is two more the thousands digit.	What you have	What you want to find out	What you need to do	1. Josephine sold 50 pieces of rice cake. 2. Letecia sold 65 pieces of rice cake.	The number of pieces of rice cake that were sold	Add to get the total number of pieces of rice cake sold. 50 + 65 ----- 115 Therefore, 115 pieces of rice cake were sold.
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	Solving the problem using illustrations  One table can seat 6 persons  Two tables can seat 10 persons.  Three tables can seat 14 persons. 				
V. REMARKS					
VI. REFLECTION					
A. No. of learners who earned 80% on the formative assessment					
B. No. of Learners who require additional activities for remediation					
C. Did the remedial lessons work? No. of learners who have caught up with the lesson.					
D. No. of learners who continue to require remediation					
E. Which of my teaching strategies worked well? Why did these work?					
F. What difficulties did I encounter which my principal or supervisor can help me solve?					
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?					

