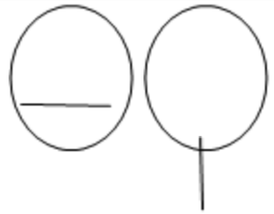
GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	V
	Teacher:	*Credits to the Writer of this DLL*	Learning Area:	MATH
	Teaching Dates and Time:	MAY 8-12, 2023 (WEEK 2)	Quarter:	4TH Quarter

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES	Finding the area of a circle				
A. Content Standards	demonstrates understanding of area, volume and temperature.				Weekly test
B. Performance Standards	is able to apply knowledge of area, volume and temperature in mathematical problems and real-life situations.				
C. Learning Competencies/Objectives Write the LC code for each	solves routine and non-routine problems involving the area of a circle. M5ME-IVb-75 Page 64 of 109		. creates problems involving a circle, with reasonable answers. M5ME-IVb-76 Page 64 of 109		
II. CONTENT	Solving Routine and Non-Routine Problems Involving the Area of a Circle	Solving Routine and Non-Routine Problems Involving the Area of a Circle	Creating Problems Involving a Circle, with Reasonable Answers		
III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages					
2. Learner's Material pages					
3. Textbook pages	Growing up with Math 5 pages 299-301		Growing up with Math 5 pages 299-301		
4. Additional Materials from Learning Resource (LR) portal					
B. Other Learning Resources	cutouts of circles, chart, flashcards, real objects		**cutouts of circles, chart, flashcards, real objects, manila paper, ruler/meter stick, pentel pen, show me board**		
IV. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	Drill Game Ka Na Ba? Mechanics: Read the questions with choices Ask: "Would you like to go on P 100 or stop?"	Review A.Checking of Assignment B.Identify the parts of a circle C.Review the steps in solving word problems.	1.Drill Have a drill on the multiplication facts	Review Have a review on solving the area of a circle. Let the pupils do the following	

	If he/she goes on, the price goes higher and higher until he/she gets the prize. Example: (Number to be squared should not be more than 15) What is 〖12〗^2? a.100 B. 120 C. 124D. 144 What is 〖15〗^2? a.250 B. 225 C. 200 D. 150				
B. Establishing a purpose for the lesson	3.Motivation Name any round objects inside the classroom or any round object that you brought. Show the diameter and the radius.		3.Motivation Let the pupils find any circular objects inside the classroom. Ask them to record the area of each object.		
C. Presenting examples/instances of the new lesson	1.Presentation Present the situation under Explore and Discover on page ___, LM Math Grade 5. Discuss the situation with the class.		1.Presentation Let the pupils present their answers. Ask them how they got the area.		
D. Discussing new concepts and practicing new skills #1	Performing the Activities Divide the class into four groups and instruct them to bring out the materials that they brought like paper plate, ice cream cup cover or any round object. Let the pupils measure the diameter. Divide the diameter by 2 to get the radius. Tell the pupils that the value of π is approximately 3.14 and that the formula in finding the area of a circle is A= πr^2 Solve for the area of the circle. Ask the leader to report their answers.		2. Performing the Activities Divide the class into four groups. Let each group discuss how will they make a problem based on the given situations. The groups 1 and 2 will discuss situation 1, while groups 3 and 4 will focus on Situation 2. Situation 1: Inside the classroom, find any circular objects, create a problem involving area of a circle. Use a ruler/meter stick as the measuring tool.	Situation 2: In the school campus, find any circular objects, create a problem involving area of a circle use a ruler/meter stick as the measuring tool.	
E. Discussing new concepts and practicing new skills #2	3.Processing the Activities After the presentation of the groups, ask: •How did you find the activity? •How did you go about the task? •What did you do with the objects before getting their areas? •How did you solve the area?		3. Processing the Activities After the activities have been done, let the groups post their formulated problems in each of the situations given and let them do the tasks below. 1. Read the problem and ask the class to solve the problem. 2. Illustrate and solve the problem with the solution.		

F. Developing mastery (Leads to Formative Assessment 3)	Reinforcing the Concept and Skill a. Class Activity Say: Let us solve more problems. Ask pupils to do the exercises by pairs under Get Moving on pages _____ of LM Math 5. Check the pupils' answers. b. Group Activity Divide the class in four groups. Let them choose a leader and a secretary. Give each group an activity card with problems written on it. Then each group will post their work on the board. The leader will explain their answers and solutions. Activity Card 1 Problem 1: A circular basement has a radius of 6 m. If it will cost ₱471 per square meter to pave the basement with bricks, what will the total cost be? Activity Card 1 Problem 2: Lyn wants to refinish a circular table that is 2.4 meters in diameter. If the refinishing costs ₱255 per square meter, how much will she spend?	Activity Card 3 Problem 3: Carlo has a circular window with an area of approximately 4069.44 〖cm〗^2. Find the radius of the window Activity Card 4 Problem 4: What is the area of a circular garden whose diameter is 15 meters?	Reinforcing the Concept and Skill a. Class Activity A. Ask the pupils to do the exercises in the Get Moving and Keep Moving pages_____ and ____, LM Math Grade 5. B. Ask the pupils to work by groups. Check the pupils answers	
G. Finding practical applications of concepts and skills in daily living	Applying to New and Other Situations a. Group Activity Divide the class in two groups. Give each group an activity card with problems written on it. Let each group post their work on the board. The leader will report to the class the answer and solution of the problem.	For more exercises, ask pupils to do the exercises under Apply Your Skills on page ___, LM Math Grade 5	Applying to New and Other Situations Let the pupils do Apply Your Skills on pages ___, LM Grade 5. Check the pupils' work.	
H. Making generalizations and abstractions about the lesson	Lead the pupils generalize the following. Steps in solving problems involving the area of a circle The formula in finding the area of a circle		Lead the pupils to give the generalization by asking: How did you create problems involving area of a circle? Steps in Creating Problems	

	A = πr^2		1.Familiarize yourself with the mathematical concepts. Think of the application to everyday life situations. 2.Think of the type of the problem you want to make and the formula to be used. 3.Read and study more on math problems. Study the solutions. 4.Make your own styles/strategies to justify the solutions.		
I. Evaluating learning	Assessment Solve the following problems. 1.Find the area of circular playground whose radius measures 6 meters. 2.An extension of a house is semicircular in shape with a radius of 4 meters. Can you find its area? 3.A circular fountain has a radius of 12 meters. What is the area of the circular fountain? 4.The diameter of the drum is 70 cm. What is the area covered when the drum stands? 5.Ana's circular bed cover has a diameter of 2.25 m. How many square meters is it?	Solve each problem. 1.Every time it rains, Mrs. Lapis saves water in a big clay jar called 'tapayan'. She covers them with a circular galvanized iron with a radius 14 m. What is the area of the circular cover? 2.Find the area of a circular clock that has a radius of 13 cm. 3.What is the area of a circular pool with the diameter of 15 m?	C.Assessment Let the pupils do the exercises in Keep Moving on page ___, LM Math Grade 5. Check pupils' work.	Create problem involving area of a circle using the given data below. 1.Circular bed Radius=130 cm Area? 2.Circular plate Radius=15 cm Area? 3.Circular playdround Radius=30m Area?	
J. Additional activities for application or remediation	Find the area of the circle. Draw and Write the measurement of the radius or diameter. 1.radius- 9.5 cm 2. diameter- 14 cm A = _____ A = _____ 3. radius- 12 cm 4. diameter- 9 cm A = _____ A = _____ 5. radius- 20 cm A=_____		Ask the pupils to create problems involving area of a circle.		
V. REMARKS					
VI. REFLECTION					
A. No. of learners who earned 80% in the evaluation					

B. No. of learners who require additional activities for remediation who scored below 80%					
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?					