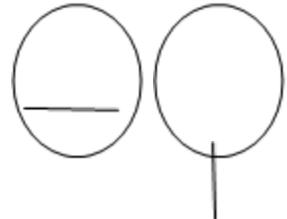




**GRADES 1 to 12
DAILY LESSON LOG**

| | | | |
|---------------------------------|---|-----------------------|-------------------------|
| School: | DepEdClub.com | Grade Level: | V |
| Teacher: | File created by Ma'am EDNALYN D. MACARAIG | Learning Area: | MATHEMATICS |
| Teaching Dates and Time: | APRIL 8 - 12, 2024 (WEEK 2) | Quarter: | 4 TH 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?" 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) | 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  | |

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| | <p>What is 12^2? a.100 B. 120 C. 124D. 144</p> <p>What is 15^2? a.250 B. 225 C. 200 D. 150</p> | | | |
| B. Establishing a purpose for the lesson | <p>3.Motivation</p> <p>Name any round objects inside the classroom or any round object that you brought. Show the diameter and the radius.</p> | | <p>3.Motivation</p> <p>Let the pupils find any circular objects inside the classroom. Ask them to record the area of each object.</p> | |
| C. Presenting examples/instances of the new lesson | <p>1.Presentation</p> <p>Present the situation under Explore and Discover on page ____, LM Math Grade 5. Discuss the situation with the class.</p> | | <p>1.Presentation</p> <p>Let the pupils present their answers. Ask them how they got the area.</p> | |
| D. Discussing new concepts and practicing new skills #1 | <p>Performing the Activities</p> <p>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 $A = \pi r^2$</p> <p>Solve for the area of the circle. Ask the leader to report their answers.</p> | | <p>2. Performing the Activities</p> <p>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.</p> <p>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.</p> <p>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. Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more</p> | |
| E. Discussing new concepts and practicing new skills #2 | <p>3.Processing the Activities</p> <p>After the presentation of the groups, ask:</p> <ul style="list-style-type: none"> •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? | | <p>3. Processing the Activities</p> <p>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.</p> <ol style="list-style-type: none"> 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) | <p>Reinforcing the Concept and Skill</p> <p>a. Class Activity</p> <p>Say: Let us solve more problems. Ask pupils to do the exercises by pairs under Get Moving on pages ____ of LM</p> | <p>Activity Card 3</p> <p>Problem 3: Carlo has a circular window with an area of</p> | <p>Reinforcing the Concept and Skill</p> <p>a. Class Activity</p> <p>A. Ask the pupils to do the exercises in the Get Moving and Keep Moving pages ____ and ____, LM Math Grade 5.</p> | |

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| | <p>Math 5. Check the pupils' answers.</p> <p>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.</p> <p>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?</p> <p>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?</p> | <p>approximately 4069.44 [cm]². Find the radius of the window</p> <p>Activity Card 4</p> <p>Problem 4: What is the area of a circular garden whose diameter is 15 meters?</p> | <p>B. Ask the pupils to work by groups. Check the pupils answers</p> | |
| <p>G. Finding practical applications of concepts and skills in daily living</p> | <p>Applying to New and Other Situations</p> <p>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.</p> | <p>For more exercises, ask pupils to do the exercises under Apply Your Skills on page ____, LM Math Grade 5</p> | <p>Applying to New and Other Situations Let the pupils do Apply Your Skills on pages ____, LM Grade 5. Check the pupils' work.</p> | |
| <p>H. Making generalizations and abstractions about the lesson</p> | <p>Lead the pupils generalize the following.</p> <p>Steps in solving problems involving the area of a circle</p> <p>The formula in finding the area of a circle</p> <p>$A = \pi r^2$</p> | <p>Lead the pupils to give the generalization by asking: How did you create problems involving area of a circle?</p> <p>Steps in Creating Problems</p> <p>1. Familiarize yourself with the mathematical concepts. Think of the application to everyday life situations.</p> | | |

| | ____% of the pupils got 80% mastery |
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| B. No. of learners who require additional activities for remediation who scored below 80% | <p>___Pupils did not find difficulties in answering their lesson.</p> <p>___Pupils found difficulties in answering their lesson.</p> <p>___Pupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lesson.</p> <p>___Pupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacher.</p> <p>___Pupils mastered the lesson despite of limited resources used by the teacher.</p> <p>___Majority of the pupils finished their work on time.</p> <p>___Some pupils did not finish their work on time due to unnecessary behavior.</p> | <p>___Pupils did not find difficulties in answering their lesson.</p> <p>___Pupils found difficulties in answering their lesson.</p> <p>___Pupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lesson.</p> <p>___Pupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacher.</p> <p>___Pupils mastered the lesson despite of limited resources used by the teacher.</p> <p>___Majority of the pupils finished their work on time.</p> <p>___Some pupils did not finish their work on time due to unnecessary behavior.</p> | <p>___Pupils did not find difficulties in answering their lesson.</p> <p>___Pupils found difficulties in answering their lesson.</p> <p>___Pupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lesson.</p> <p>___Pupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacher.</p> <p>___Pupils mastered the lesson despite of limited resources used by the teacher.</p> <p>___Majority of the pupils finished their work on time.</p> <p>___Some pupils did not finish their work on time due to unnecessary behavior.</p> | <p>___Pupils did not find difficulties in answering their lesson.</p> <p>___Pupils found difficulties in answering their lesson.</p> <p>___Pupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lesson.</p> <p>___Pupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacher.</p> <p>___Pupils mastered the lesson despite of limited resources used by the teacher.</p> <p>___Majority of the pupils finished their work on time.</p> <p>___Some pupils did not finish their work on time due to unnecessary behavior.</p> | <p>___Pupils did not find difficulties in answering their lesson.</p> <p>___Pupils found difficulties in answering their lesson.</p> <p>___Pupils did not enjoy the lesson because of lack of knowledge, skills and interest about the lesson.</p> <p>___Pupils were interested on the lesson, despite of some difficulties encountered in answering the questions asked by the teacher.</p> <p>___Pupils mastered the lesson despite of limited resources used by the teacher.</p> <p>___Majority of the pupils finished their work on time.</p> <p>___Some pupils did not finish their work on time due to unnecessary behavior.</p> |
| C. Did the remedial lessons work? No. of learners who have caught up with the lesson | ___ of Learners who earned 80% above |
| D. No. of learners who continue to require remediation | ___ of Learners who require additional activities for remediation | ___ of Learners who require additional activities for remediation | ___ of Learners who require additional activities for remediation | ___ of Learners who require additional activities for remediation | ___ of Learners who require additional activities for remediation |
| E. Which of my teaching strategies worked well? Why did these work? | ___Yes ___No ___ of Learners who caught up the lesson | ___Yes ___No ___ of Learners who caught up the lesson | ___Yes ___No ___ of Learners who caught up the lesson | ___Yes ___No ___ of Learners who caught up the lesson | ___Yes ___No ___ of Learners who caught up the lesson |
| F. What difficulties did I encounter which my principal or supervisor can help me solve? | ___ of Learners who continue to require remediation | ___ of Learners who continue to require remediation | ___ of Learners who continue to require remediation | ___ of Learners who continue to require remediation | ___ of Learners who continue to require remediation |
| G. What innovation or localized materials did I use/discover which | <i>Strategies used that work well:</i> ___Metacognitive Development: Examples: Self |

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| <p>I wish to share with other teachers?</p> | <p>assessments, note taking and studying techniques, and vocabulary assignments.</p> <p>___ Bridging: Examples: Think-pair-share, quick-writes, and anticipatory charts.</p> <p>___ Schema-Building: Examples: Compare and contrast, jigsaw learning, peer teaching, and projects.</p> <p>___ Contextualization: Examples: Demonstrations, media, manipulatives, repetition, and local opportunities.</p> <p>___ Text Representation: Examples: Student created drawings, videos, and games.</p> <p>___ Modeling: Examples: Speaking slowly and clearly, modeling the language you want students to use, and providing samples of student work.</p> <p>Other Techniques and Strategies used:</p> <p>___ Explicit Teaching</p> <p>___ Group collaboration</p> <p>___ Gamification/Learning through play</p> <p>___ Answering preliminary activities/exercises</p> <p>___ Carousel</p> <p>___ Diads</p> <p>___ Differentiated Instruction</p> <p>___ Role Playing/Drama</p> <p>___ 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<p>___ Role Playing/Drama</p> <p>___ Discovery Method</p> <p>___ Lecture Method</p> <p>Why?</p> <p>___ Complete IMs</p> |
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| | <ul style="list-style-type: none">___ Complete IMs___ Availability of Materials___ Pupils' eagerness to learn___ Group member's collaboration/cooperation in doing their tasks___ Audio Visual Presentation of the lesson | <ul style="list-style-type: none">___ Complete IMs___ Availability of Materials___ Pupils' eagerness to learn___ Group member's collaboration/cooperation in doing their tasks___ Audio Visual Presentation of the lesson | <ul style="list-style-type: none">___ Complete IMs___ Availability of Materials___ Pupils' eagerness to learn___ Group member's collaboration/cooperation in doing their tasks___ Audio Visual Presentation of the lesson | <ul style="list-style-type: none">___ Complete IMs___ Availability of Materials___ Pupils' eagerness to learn___ Group member's collaboration/cooperation in doing their tasks___ Audio Visual Presentation of the lesson | <ul style="list-style-type: none">___ Availability of Materials___ Pupils' eagerness to learn___ Group member's collaboration/cooperation in doing their tasks___ AudioVisual Presentation of the lesson |
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