

 GRADES 1 to 12 DAILY LESSON LOG	School:	DepEdClub.com	Grade Level:	IV
	Teacher:	File created by Sir BIENVINIDO C. CRUZ JR	Learning Area:	MATHEMATICS
	Teaching Dates and Time:	MARCH 13 – 17, 2023 (WEEK 5)	Quarter:	3 RD QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES	Demonstrates understanding of concepts of continuous and repeating patterns and number sentences				
A. Content Standards					
B. Performance Objective	Identify the missing element in a pattern and number sentence				
C. Learning Competencies/ Objectives (Write the LC code for each)	Determine the missing term/terms in a sequence of numbers (even or odd numbers Determine the missing term/terms in a sequence of numbers (multiples of a number or factors of a number), etc. M4AL-IIIe-5	Determine the missing term/terms in a sequence of numbers (even or odd numbers Determine the missing term/terms in a sequence of numbers (multiples of a number or factors of a number), etc. M4AL-IIIe-5	Find the missing number in an equation involving properties of operations M4AL-III-E-13	Find the missing number in an equation involving properties of operations M4AL-III-E-13	
CONTENT (Subject Matter)	Determining the Missing Term/s in a Sequence of Numbers	Determining the Missing Term/s in a Sequence of Numbers	Finding the Missing Number in an Equation	Finding the Missing Number in an Equation	
I. LEARNINGRESOURCES					
A. References					
1. Teachers Guide pages	223 – 226	223 – 226	226 – 229	226 – 229	
2. Learners Material Pages	168 – 170	168 – 170	171 - 172	171 - 172	
B. Other Learning Resources	Illustrations/drawing of patterns	Illustrations/drawing of patterns	Flashcards, chart	Flashcards, chart	
II. PROCEDURES					
A. Reviewing past lesson or Presenting the new lesson	-Have a drill on skip counting by 2s, 3, etc. -Review odd and even numbers, multiples and factors of a number	-Review the lesson through answering the assignment.	Give the drill. 1. 5 + ____ = 55 2. ____ - 12 = 30 3. 24 ÷ ____ = 2 4. 15 X 3 = ____ 5. 3 + ____ + 5 = 15 Have a review on identifying the properties of operation. What property is expressed in the following equation? 1. 0 X 1 = 0 2. 2 X 3 = 3 X 2 3. 2 + (4 + 5) Give more items.	Review the previous lesson discussed. Answer the assignment.	

B. Establishing a purpose of the new lesson	-Fill in the missing shapes or numbers.  7, 9, 11 __, 15 1K, 2J, 3L, __, __, 6F	Give the exercises below as a group activity. 15,20,25,__,35, __ 27,31,__,39,__,47,51 100,90,__,70,__,50 73,67,61,__,49,__,37 22,25,28,31,__,__,40	Do you know of a classmate having difficulty in doing his/her homework? What will you do if he/she asks help from you? (Elicit from the pupils the value of helpfulness)	Briefly discuss what an equation is.	
C. Presenting Examples/ instances of the new lesson	Look at the sequence of numbers. 7, 10, __, 16, __ What are the missing terms?	Ask the pupils to present and discuss their answers. Ask them: How did you get the missing term in each sequence of numbers?	Present this problem. Rafael is tasked to find the missing number in the following equations. He had already tried to find the missing numbers for almost an hour but still he cannot find it. 1) $12+24+34 = 34+12+ \underline{\hspace{1cm}}$ 2) $2X(15+20)=(\underline{\hspace{1cm}}X15)+(2X\underline{\hspace{1cm}})$ 3. $8 \times 7 = \underline{\hspace{1cm}} \times 8$ 4) $24 + \underline{\hspace{1cm}} = 5 + 35$ 5) $(16X5)X4=8 X(\underline{\hspace{1cm}} \times 4)$	Let pupils answer Get Moving on page 171-172, LM in Math 4	
D. Discussing new concepts and practicing new skills no.1.	Present this situation to the class. Mr. Villafior presented these number patterns to his Math class. • 3,6,9, __ • 4,8,12,16, __ -What do you think are the missing terms in a? What about in b?	Discuss the presentation under Explore and Discover, page 166 of LM Math Grade 4. Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more	Who is assigned to do the work? What is the task of Rafael? What can we do so we can help him? Can you give advice to Rafael so that he can find the numbers needed to complete the equations?	Let pupils play “ Let’s go fishing ”. (Teacher will prepare equations with missing numbers written in a fish-shaped cartolina to be put in a bowl/container) Call pupils one at a time to give the answer to the equation with missing numbers.	
E. Discussing new concepts and practicing new skills no.2	-How were you able to guess the missing numbers/terms? -Give another similar example and ask the same question.	Do Get Moving on LM p 169.	Let’s help Rafael find the missing numbers. Let pupils work by pairs. Let the pupils show and explain their findings.	Instruct pupils to do the Keep Moving on page 172, LM. Make it a group activity.	
F. <i>Developing Mastery (Leads to Formative Assessment 3.)</i>	Conduct a contest on determining the missing terms.	Let pupils do the Keep Moving on LM p170.	Did you have a hard time finding the missing numbers? Were you able to help Rafael? How did you help Rafael?	Following the same groupings, tell the pupils to make sample equations with missing numbers. Then let the other group answer the equations they have constructed.	
G. <i>Finding practical application of concepts and skills in daily living</i>	Group pupils into 6. Give exercises on determining missing terms.	Do Apply Your Skills on LM p. 170.	Have a further discussion through the presentation under Explore and	Do Apply Your Skills on LM p. 172	

			Discover on page 169, LM Math Grade 4.		
<i>H. Making Generalization and abstraction about the lesson</i>	-What do you call each number in the sequence? (Terms) -What is a list of numbers arranged in a row called? (Number Sequence)	Lead pupils in generalizing by asking: -How do you find the missing terms in a number sequence? (To find the missing term, use the difference between terms.)	What is an equation? What should you remember in finding the missing numbers in an equation? Is there a need to evaluate an equation?	What is an equation? How will you make each equations correct?	
<i>I. Evaluating learning</i>	Find the missing terms. 1. 33, 34, 35, ____ 2. 22, 24, 26, 28, ____ 3. 15, 12, 8, ____, ____ 4. 10, 12, 16, 18, ____ 5. 25, 24, ____, 19, ____, 10	Find the missing terms in the given number sequences. 1. 33,35,____,39,____,43 2. 41,____,51,____,56,____,66 3. 6,7,9,____,16,____,27 4. 77,74,____,68,____,62 5. 25,24,____,19,____,10	Find the missing number in each equation below. 1. ____+8=12+7 2. 24-____ = 10 + 5 3. 36÷4=____X3 4. 16X____=36+2 5. 9X____=5X____	Supply the missing terms in the equations below. 1. 3+15+57=____+3+57 2. 5X(8+9)=(____X8)+(____x9) 3. (5X1)X(10x3)=(3x5)x (____x1) 4. 69+____=____+111 5. ____x30=15x____	
J. Additional activities for application and remediation	Find the missing terms. 1. 5, 10, 15, 20, ____, ____ 2. 1, 2, 4, 7, ____, ____ 3. 24, 20, 16, 12, ____, ____ 4. 6, 7, 9, ____, 16, ____, 27 5. 35, 38, ____, 44, ____, 50	Let pupils do the Home Activity on TG pp. 225 and 226.	Answer Home Activity Remediation , page 228, TG.	Give the Enrichment Activity on page 229 of TG in Math 4.	

V.REMARKS					
VI.REFLECTION					
A. No. of learners who earned 80% in the evaluation	____ of Learners who earned 80% above	____ of Learners who earned 80% above	____ of Learners who earned 80% above	____ of Learners who earned 80% above	____ of Learners who earned 80% above
B. No. of learners who require additional activities for remediation who scored below 80%	____ 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
C. Did the remedial lessons work? No. of learners who have caught up with 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	____Yes ____No ____ of Learners who caught up the lesson
D. No. 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	____ of Learners who continue to require remediation
E. Which of my teaching strategies worked well? Why did these work?	<i>Strategies used that work well:</i> ____ Group collaboration ____ Games ____ Power Point Presentation ____ Answering preliminary activities/exercises	<i>Strategies used that work well:</i> ____ Group collaboration ____ Games ____ Power Point Presentation ____ Answering preliminary activities/exercises	<i>Strategies used that work well:</i> ____ Group collaboration ____ Games ____ Power Point Presentation ____ Answering preliminary activities/exercises	<i>Strategies used that work well:</i> ____ Group collaboration ____ Games ____ Power Point Presentation ____ Answering preliminary activities/exercises	<i>Strategies used that work well:</i> ____ Group collaboration ____ Games ____ Power Point Presentation ____ Answering preliminary activities/exercises

	___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/ Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/ Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/ Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/ Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/ Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks
F. What difficulties did I encounter which my principal or supervisor can help me solve?	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works ___ Reading Readiness ___ Lack of Interest of pupils	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works ___ Reading Readiness ___ Lack of Interest of pupils	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works ___ Reading Readiness ___ Lack of Interest of pupils	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works ___ Reading Readiness ___ Lack of Interest of pupils	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works ___ Reading Readiness ___ Lack of Interest of pupils
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition ___ Fashcards ___ Pictures	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition ___ Fashcards ___ Pictures	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition ___ Fashcards ___ Pictures	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition ___ Fashcards ___ Pictures	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition ___ Fashcards ___ Pictures