DAILY LESSON LOG IN M10SP-IVd-e-1 (Week Five - DAY Two)

DAILT LE	SSON LOG IN M10SP-IVd-e	· ·			
School		Grade Level	Grade 10		
Teacher		Learning Area	Mathematics		
Teaching Date and Time		Quarter	Second		
I. OBJECTIVES	Objectives must be met over the week and connected to the curriculum standards. To meet the objectives, necessary procedures must be followed and if needed, additional lessons, exercises and remedial activities may be done for developing content knowledge and competencies. These are assessed using Formative Assessment Strategies. Valuing objectives support the learning of content and competencies and enable children to find significance and joy in learning the lessons. Weekly objectives shall be derived from the curriculum guides.				
A. Content Standards	The learner demonstrates und	lerstanding of the key concepts o	of measures of position		
B. Performance Standards	The learner is able to conduct systematically a mini-research applying the different statistical methods.				
C. Learning Competencies/ Objectives	Learning Competency: solves Learning Objectives: 1. Recall the steps in sol 2. Solve problems involved.	problems involving measures of lving Quartiles for Grouped Data ving Quartiles for Grouped Data. cy in solving problems on Quarti	•		
II. CONTENT	Solving Problems on Quartiles				
III. LEARNING RESOURCES	teacher's guide, learner's mod	lule, reference books			
1. References 2. Teacher's Guide pages	Page 337-343				
3. Learner's Materials pages	Pages 385 - 397				
4. Textbook pages					
5. Additional Materials					
from Learning					
Resource (LR) portal					
6. Other Learning					
Resources	<u> </u>				
IV. PROCEDURES	pupils/students will learn well. A students which you can infer systematically by providing pupils learning, question their learning relation to their life experiences step.	oss the week. Spread out the actival lways be guided by demonstration from formative assessment act s/students with multiple ways to lead processes, and draw conclusions all and previous knowledge. Indicate to	of learning by the pupils/ tivities. Sustain learning rn new things, practice the bout what they learned in he time allotment for each		
A Budan anadan		ts recall the formula and the s d also how to interpret the resul			
A. Review previous lesson or presenting the new lesson	2. What is the formula i	r: I solving Quartiles for Grouped I In solving Quartiles of Grouped I It the result using quartiles for Gr	Data?		
B. Establishing a purpose for the lesson		s understand that solving proble their own real-life problems ar			
C. Presenting examples/ instances of the new lesson	The teacher discusses to the s Calculate the lower quartile	tudents the activity below: of the Mathematics test scores o	of 50 students.		

Scores	Frequency	Lower	Less than
		Boundaries	Cumulative
			Frequency
			(<cf)< td=""></cf)<>
46-50	4	45.5	50
41-45	6	40.4	46
36-40	10	35.5	40
31-35	15	30.5	30
26-30	9	25.5	15
21-25	6	20.5	6

Guide Question:

- 1. What is the value of Q_1 class? Answer: 12.5
- 2. To what class interval does Q₁ class belong? Answer: 26-30
- 3. Find the following:

LB: 25.5 N: 50 cf_b: 6 f_{Q1:} 9 Q₁: 28.21

The teacher lets the students in triad complete the activity below and answer the questions that follow:

The following is a distribution for the number of employees in 45 companies belonging to a certain industry. If the number of employees would be distributed equally to 45 companies, how many employees will there be on the average in each company?

D. Discussing new concepts and practicing new skills #1

	·		
Number of	Number of	Lower	Less than
Employees	Companies	Boundaries	Cumulative
			Frequency (<cf)< td=""></cf)<>
41-45	11	40.5	45
36-40	6	35.5	34
31-35	9	30.5	28
26-30	7	25.5	19
21-25	8	20.5	12
16-20	4	25.5	4

Answer: 32 employees

E. Discussing new						
concepts and practicing new skills #2						
practicing new skills #2	The teacher late the		مستعم المستعانية المستعادية المستعادية	it. Con 2002 207		
F. Developing mastery	The teacher lets the student perform individually Activity 6 on pages 396-397					
(leads to formative	For the answer, refer to page 347 of TG					
assessment 3)	For the answer, refer					
G. Finding practical	The teacher lets students recognize real-life problems that can be represented using					
applications of		_	•	concepts in making decisions		
concepts and skills in	based on statistical s		• • •	correctes in making accisions		
daily living						
H. Making	The teacher asks at somebody to summarize the steps in solving word problems					
generalizations and	involving quartiles.					
abstractions about the						
lesson						
	The teacher gives the	e formative a	ssessment:			
	Given the data below	-		er quartile?		
	CLASS INTERVAL SCORES	FREQUENCY (f)	LOWER BOUNDARIES (LB)	Less than cumulative frequency $(< c f)$		
	45 – 48	2	44.5	54		
I Evaluating	41- 44 37-40	7	40.5 36.5	52 48		
I. Evaluating Learning	33-36	11	32.5	41		
Learning	29-32 25-28	10 8	28.5 24.5	30 20		
	21-24	6	20.5	12		
	17-20	4	16.5	6		
	13-16		12.5	2		
	Answer: 33 and abov	ve.				
J. Additional activities or remediation						
remediation						
V. REMARKS						
	+			the transfer death to the table to		
				about your students' progress. What		
VI. REFLECTION	works? What else needs	to be done to he	lp the pupils/students lear	n? Identify what help your instructional		
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VI. REFLECTION A. No. of learners who earned 80% of the evaluation	works? What else needs	to be done to he	lp the pupils/students lear	n? Identify what help your instructional		
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discover which I wish to share with other teachers

Prepared by:

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