

DAILY LESSON LOG OF M7SP-IVb-1 (Week Two-Day Two)

School		Grade Level	Grade 7
Teacher		Learning Area	Mathematics
Teaching Date and Time		Quarter	Fourth
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 understanding of key concepts, uses and importance of Statistics, data collection/gathering and the different forms of data presentation, measures of central tendency, measures of variability, and probability.		
B. Performance Standards	The learner is able to collect and organize data systematically and compute accurately measures of central tendency and variability and apply these appropriately in data analysis and interpretation in different fields.		
C. Learning Competencies/ Objectives	Learning Competency: Gathers statistical data (M7SP-IVb-1) Learning Objective 1. Arrange facts properly or information gathered. 2. Define an observation 3. Give the different ways of observation. 4. Demonstrate appreciation of the orderliness of collecting data.		
II. CONTENT	Data Gathering (Observation)		
III. LEARNING RESOURCES	teacher’s guide, learner’s material		
A. References			
1. Teacher’s Guide	Pages 286-289		
2. Learner’s Materials	Pages 233-234		
3. Textbook pages			
4. Additional Materials from Learning Resource (LR) portal			
B. Other Learning Resources	Next Century Mathematics pages 529-532		
IV. PROCEDURES	<i>These steps should be done across the week. Spread out the activities appropriately so that pupils/students will learn well. Always be guided by demonstration of learning by the pupils/students which you can infer from formative assessment activities. Sustain learning systematically by providing pupils/students with multiple ways to learn new things, practice the learning, question their learning processes, and draw conclusions about what they learned in relation to their life experiences and previous knowledge. Indicate the time allotment for each step.</i>		
A. Review previous lesson or presenting the new lesson	The teacher recalls the methods in gathering data. What are the different methods of gathering/collecting data? How are we going to organize the data? Possible Answers: Interview, questionnaire, observation, survey, experimentation Data will be organized through frequency table.		
B. Establishing a purpose for the lesson	The teacher lets the students realize that obtaining information through counting and measuring are important skills needed to understand the concept of gathering statistical data through observation.		
C. Presenting examples/ instances of the new lesson	The teacher divides the class into two to do Activity 1. 1. The first group will measure the height (in centimeter)of each student in their group. 2. The second group count the number of students who are wearing an ID.		
D. Discussing new concepts and practicing new skills #1	The teacher discusses with the students the process of arriving at the answer of each exercise in Activity 1. Furthermore, he/she asks the students about the mathematical skills or principles that they use in gathering data. He/She tells them that one of the methods in gathering data is observation through measuring and counting.		
E. Discussing new concepts and practicing new skills #2	The teacher discusses thoroughly the definition of observation and the process of counting and measuring. The same grouping, the teacher will let them do the second activity. The group who are assigned in counting will do the measuring and vice-versa.		

	Activity 2 1. The first group will count the number of their classmates who are wearing an earring. 2. The second group will measure the weight (in kilograms) of each student in their group.
F. Developing mastery (leads to formative assessment 3)	Working in pairs, the teacher lets the students make an organization of data. The teacher should see to it that the students understand how to organize data. The teacher will present an organized data in a frequency table.
G. Finding practical applications of concepts and skills in daily living	
H. Making generalizations and abstractions about the lesson	The teacher summarizes the mathematical skills, principles and the different ways used to gather statistical data through questions like: 1. What is an observation? 2. What are the different ways of collecting data through observation? 3. How will you represent the data? 4. What skills are used in measuring? Answers shall be drawn from the students. Possible response: 1.Observation is a method that makes use of the different human senses in gathering information. 2. The different ways of collecting data through observation are counting and measuring. 3. Data can be represented with the use of frequency table. 4. The skills used in measuring are precision and accuracy.
I. Evaluating Learning	The teacher lets the students answer individually the formative assessment. Identify or tell how the following data are gathered or collected in observation a. Students coming to class late b. your classmates’ waistline c. defective bulb in your classroom d. your classmates temperature Answer key: a. counting b. Measuring c. Counting d. measuring
J. Additional activities or remediation	
V. REMARKS	
VI. REFLECTION	<i>Reflect on your teaching and assess yourself as a teacher. Think about your students’ progress. What works? What else needs to be done to help the pupils/students learn? Identify what help your instructional supervisors can provide for you so when you meet them, you can ask them relevant questions.</i>
A. No. of learners who earned 80% of the evaluation	
B. No. of learners who require additional activities for remediation who scored below 80%	
C. Did the remedial lesson 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	(Localization and Contextualization were done in the Presentation.)

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