



Republic of the Philippines  
**Department of Education**  
 REGION II-CAGAYAN VALLEY  
 SCHOOLS DIVISION OF ISABELA

## GRADE 8 MATHEMATICS FOURTH QUARTER LESSON CHECKLIST

| MARK<br>( / , X) | WEEK | CODE                     | Lesson<br>n<br>No. | LESSON TITLE                                                           | DATE | REMARK/S | Most Essential Learning<br>Competencies (MELC,s)                                                                                   |
|------------------|------|--------------------------|--------------------|------------------------------------------------------------------------|------|----------|------------------------------------------------------------------------------------------------------------------------------------|
|                  | 1    | <b>(M8GE-IVa<br/>-1)</b> | 1                  | Theorems on Triangle Inequalities<br>Exterior Angle Inequality Theorem |      |          | Illustrates theorems on triangle inequalities (Exterior Angle Inequality Theorem, Triangle Inequality Theorem, and Hinge Theorem). |
|                  |      |                          | 2                  | Theorems on Triangle Inequalities<br>Triangle, Inequality Theorem      |      |          |                                                                                                                                    |
|                  |      |                          | 3                  | The Hinge theorem and Its Converse<br>SAS and SSS Inequality Theorem   |      |          |                                                                                                                                    |
|                  | 2    | <b>(M8GE-IVb<br/>-1)</b> | 1                  | Applying theorems on triangle Inequalities                             |      |          | Applies theorems on triangle inequalities.                                                                                         |
|                  | 3    | <b>(M8GE-IVc<br/>-1)</b> | 1                  | Proving Triangle Inequalities                                          |      |          | Proves inequalities in a triangle.                                                                                                 |
|                  | 4    | <b>(M8GE-IVd<br/>-1)</b> | 1                  | Properties of parallel lines cut by a transversal                      |      |          | Proves properties of parallel lines cut by a transversal                                                                           |

|  |   |                              |   |                                                              |  |  |                                                                                                                                                               |
|--|---|------------------------------|---|--------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 5 | <b><u>(M8GE-IVe-1)</u></b>   | 1 | Parallelism & Perpendicularity                               |  |  | Determines the conditions under which lines and segments are parallel or perpendicular.                                                                       |
|  | 6 | <b><u>M8GE-IVf-1)</u></b>    | 1 | Introduction to Probability                                  |  |  | Illustrates an experiment, outcome, sample space and event.                                                                                                   |
|  | 7 | <b><u>M8GE-IVf-g-1)</u></b>  | 1 | Table, Tree Diagram, Systematic List and Counting Principle. |  |  | Counts the number of occurrences of an outcome in an experiment: (a) table; (b) tree diagram; (c) systematic listing; and (d) fundamental counting principle. |
|  | 8 | <b><u>(M8GE-IVh-1)</u></b>   | 1 | Probability of Simple Event                                  |  |  | Finds the probability of a simple event.                                                                                                                      |
|  | 9 | <b><u>(M8GE-IVi-1)</u></b>   | 1 | Experimental Probability VS Theoretical Probability          |  |  | Illustrates an experimental probability and a theoretical probability.                                                                                        |
|  |   | <b><u>(M8GE-IVi-j-1)</u></b> | 1 | Solving Problems Involving Probabilities of Simple Event     |  |  | Solves problems involving probabilities of simple events.                                                                                                     |

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