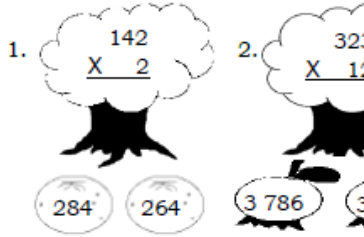


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|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------|-----------------------|-------------------------------|
|  <b>GRADES 1 to 12</b><br><b>DAILY LESSON LOG</b> | <b>School:</b>                  |                                       | <b>Grade Level:</b>   | <b>IV</b>                     |
|                                                                                                                                   | <b>Teacher:</b>                 |                                       | <b>Learning Area:</b> | <b>MATHEMATICS</b>            |
|                                                                                                                                   | <b>Teaching Dates and Time:</b> | <b>SEPTEMBER 5 - 9, 2022 (WEEK 3)</b> | <b>Quarter:</b>       | <b>1<sup>ST</sup> QUARTER</b> |

|  | <b>LUNES</b> | <b>MARTES</b> | <b>MIYERKULES</b> | <b>HUWEBES</b> | <b>BIYERNES</b> |
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| I. OBJECTIVES                                                           |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| A. Content Standards                                                    | Demonstrates understanding of multiplication and division of whole numbers including money                                      |                                                                                                                         |                                                                                                   |  |
| B. Performance Standards                                                | Is able to apply multiplication and division of whole numbers including money in mathematical problems and real-life situations |                                                                                                                         |                                                                                                   |  |
| C. Learning Competencies/<br>Objectives<br>( Write the LCcode for each) | Multiplies numbers up to 3-digit numbers by up to 2-digit numbers without or with regrouping<br><b>M4NS-Ic-43.7</b>             | Estimates the products of 3- to 4-digit numbers by 2- to 3-digit numbers with reasonable results<br><b>M4NS-Ic-44.2</b> | Estimating the Products of -3 to -4 Digit Numbers by 2- to 3-Digit Numbers<br><b>M4NS-Ic-44.2</b> |  |
| II. CONTENT<br>( Subject Matter)                                        | Multiplying Numbers up to Three Digits by Numbers up to Two Digits Without Regrouping                                           | Multiplying Numbers up to Three Digits by Numbers up to Two Digits with Regrouping                                      | Estimating The Products of 3- to 4-Digit Numbers by 2- to 3-digit Numbers                         |  |
| III. LEARNING RESOURCES                                                 |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| A. References                                                           |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| 1. Teacher’s Guide pages                                                |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| 2. Learner’s Material pages                                             |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| 3. Textbook pages                                                       |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| 4. Additional Materials from Learning Resource LR portal                |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |
| B. Other Learning Resources                                             | Flashcards, pictures, illustrations                                                                                             | Cutouts, activity sheets, pictures                                                                                      | Cutouts, activity sheets, pictures                                                                |  |
| IV. PROCEDURE                                                           |                                                                                                                                 |                                                                                                                         |                                                                                                   |  |

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|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| A. Reviewing previous Lesson or presenting new lesson                   | Have a review of terms used in multiplication (multiplicand, multiplier and product)                                                                              | Have a drill on multiplication basic facts using flashcards                                                                                                                                                                                                                                                                                                       | Have a review of rounding numbers             |
| B. Establishing a purpose for the lesson                                | Have them multiply single digit numbers                                                                                                                           | Talk about Philippine fruits                                                                                                                                                                                                                                                                                                                                      |                                               |
| C. Presenting examples/ instances of the new lesson.                    | Present a short multiplication problem                                                                                                                            | Present a problem opener                                                                                                                                                                                                                                                                                                                                          | Present a situation                           |
| D. Discussing new concepts and practicing new skills.#1                 | Analyze and solve the problem                                                                                                                                     | Work in pairs using the short and long method of multiplication                                                                                                                                                                                                                                                                                                   | Discuss the process of estimating products    |
| E. Discussing new concepts and practicing new skills #2.                | Give another problem to be solved by each group.                                                                                                                  | Discuss the Lattice method. Give Examples to be solved by pupils.                                                                                                                                                                                                                                                                                                 | Distribute the activity sheets to each group. |
| F. Developing Mastery (Lead to Formative Assessment 3)                  | Distribute Activity sheets. One group will use short method and the other group, the long method                                                                  | <p>Find the estimated product using the highest place value.</p> <p>1. <math>157 \times 32</math><br/> <math>\quad \times \quad = \quad</math></p> <p>2. <math>431 \times 24</math><br/> <math>\quad \times \quad = \quad</math></p> <p>5. <math>5\,434 \times</math><br/> <math>\quad \times</math></p>                                                          |                                               |
| G. Finding practical application of concepts and skills in daily living | <p>A. Perform the indicated operation and write the product of each tree.</p>  | <p>Estimate each product. Write the correct symbol.</p> <p>1. <math>174 \times 47</math> <input type="text"/></p> <p>2. <math>198 \times 52</math> <input type="text"/></p> <p>3. <math>343 \times 364</math> <input type="text"/></p> <p>4. <math>4\,324 \times 23</math> <input type="text"/></p> <p>5. <math>5\,435 \times 213</math> <input type="text"/></p> |                                               |

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|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H. Making Generalizations and Abstraction about the Lesson. | Ask: How do you multiply a 3-digit multiplicand by a 2-digit multiplier without regrouping?                                                                                                                                                               | Ask: How do we multiply numbers with up to 3-digit by numbers up to 2-digits with regrouping?                                                                                                                                                                                                                                                                                                | Ask: How do we estimate the products of 3- to 4 by 2- to 3-digit numbers?                                                                                                                                                                                                                                                                                                                                                                |
| I. Evaluating Learning                                      | <p>Multiply the following number</p> <p>1. <math>\begin{array}{r} 123 \\ \times 33 \\ \hline \end{array}</math>    2. <math>\begin{array}{r} 34 \\ \times 12 \\ \hline \end{array}</math>    3. <math>\begin{array}{r} 4 \\ \times \end{array}</math></p> | <p>A. Which is the most reasonable options given? Choose the</p> <p>1. <math>105 \times 46</math><br/>a. 500      b. 5 00</p> <p>2. <math>218 \times 62</math><br/>a. 13 000    b. 12 50</p> <p>3. <math>327 \times 192</math><br/>a. 60 500    b. 60 0</p> <p>4. <math>268 \times 432</math><br/>a. 120 000   b. 120 5</p> <p>5. <math>2\,627 \times 154</math><br/>a. 500 500   b. 600</p> | <p>B. Estimate the products.</p> <p>6. <math>\begin{array}{r} 385 \\ \times 29 \\ \hline \end{array}</math>    7. <math>\begin{array}{r} 567 \\ \times 35 \\ \hline \end{array}</math>    8. <math>\begin{array}{r} 654 \\ \times 211 \\ \hline \end{array}</math></p> <p>9. <math>\begin{array}{r} 3\,267 \\ \times 62 \\ \hline \end{array}</math>    10. <math>\begin{array}{r} 3\,626 \\ \times 278 \\ \hline \end{array}</math></p> |
| J. Additional Activities for Application or Remediation     | <p>Find the products. Use any of the two methods.</p> <p>304      312      402      234<br/>432<br/>X22      x33    x 32      x 12<br/>x 13</p>                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| I. | REMARKS                                          |                                      |                                      |                                      |                                      |                                      |
|----|--------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|    | II.                                              | 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 |

|                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| 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<br>___ of Learners who caught up the lesson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ___Yes ___No<br>___ of Learners who caught up the lesson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ___Yes ___No<br>___ of Learners who caught up the lesson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ___Yes ___No<br>___ of Learners who caught up the lesson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ___Yes ___No<br>___ 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><br>___ Group collaboration<br>___ Games<br>___ Power Point Presentation<br>___ Answering preliminary activities/exercises<br>___ Discussion<br>___ Case Method<br>___ Think-Pair-Share (TPS)<br>___ Rereading of Paragraphs/Poems/Stories<br>___ Differentiated Instruction<br>___ Role Playing/Drama<br>___ Discovery Method<br>___ Lecture Method<br><i>Why?</i><br>___ Complete IMs<br>___ Availability of Materials<br>___ Pupils' eagerness to learn<br>___ Group member's Cooperation in doing their tasks | <i>Strategies used that work well:</i><br>___ Group collaboration<br>___ Games<br>___ Power Point Presentation<br>___ Answering preliminary activities/exercises<br>___ Discussion<br>___ Case Method<br>___ Think-Pair-Share (TPS)<br>___ Rereading of Paragraphs/Poems/Stories<br>___ Differentiated Instruction<br>___ Role Playing/Drama<br>___ Discovery Method<br>___ Lecture Method<br><i>Why?</i><br>___ Complete IMs<br>___ Availability of Materials<br>___ Pupils' eagerness to learn<br>___ Group member's Cooperation in doing their tasks | <i>Strategies used that work well:</i><br>___ Group collaboration<br>___ Games<br>___ Power Point Presentation<br>___ Answering preliminary activities/exercises<br>___ Discussion<br>___ Case Method<br>___ Think-Pair-Share (TPS)<br>___ Rereading of Paragraphs/Poems/Stories<br>___ Differentiated Instruction<br>___ Role Playing/Drama<br>___ Discovery Method<br>___ Lecture Method<br><i>Why?</i><br>___ Complete IMs<br>___ Availability of Materials<br>___ Pupils' eagerness to learn<br>___ Group member's Cooperation in doing their tasks | <i>Strategies used that work well:</i><br>___ Group collaboration<br>___ Games<br>___ Power Point Presentation<br>___ Answering preliminary activities/exercises<br>___ Discussion<br>___ Case Method<br>___ Think-Pair-Share (TPS)<br>___ Rereading of Paragraphs/Poems/Stories<br>___ Differentiated Instruction<br>___ Role Playing/Drama<br>___ Discovery Method<br>___ Lecture Method<br><i>Why?</i><br>___ Complete IMs<br>___ Availability of Materials<br>___ Pupils' eagerness to learn<br>___ Group member's Cooperation in doing their tasks | <i>Strategies used that work well:</i><br>___ Group collaboration<br>___ Games<br>___ Power Point Presentation<br>___ Answering preliminary activities/exercises<br>___ Discussion<br>___ Case Method<br>___ Think-Pair-Share (TPS)<br>___ Rereading of Paragraphs/Poems/Stories<br>___ Differentiated Instruction<br>___ Role Playing/Drama<br>___ Discovery Method<br>___ Lecture Method<br><i>Why?</i><br>___ Complete IMs<br>___ Availability of Materials<br>___ Pupils' eagerness to learn<br>___ 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<br>___ Pupils' behavior/attitude<br>___ Colorful IMs<br>___ Unavailable Technology Equipment (AVR/LCD)<br>___ Science/ Computer/ Internet Lab<br>___ Additional Clerical works                                                                                                                                                                                                                                                                                                                                                | ___ Bullying among pupils<br>___ Pupils' behavior/attitude<br>___ Colorful IMs<br>___ Unavailable Technology Equipment (AVR/LCD)<br>___ Science/ Computer/ Internet Lab<br>___ Additional Clerical works                                                                                                                                                                                                                                                                                                                                                | ___ Bullying among pupils<br>___ Pupils' behavior/attitude<br>___ Colorful IMs<br>___ Unavailable Technology Equipment (AVR/LCD)<br>___ Science/ Computer/ Internet Lab<br>___ Additional Clerical works                                                                                                                                                                                                                                                                                                                                                | ___ Bullying among pupils<br>___ Pupils' behavior/attitude<br>___ Colorful IMs<br>___ Unavailable Technology Equipment (AVR/LCD)<br>___ Science/ Computer/ Internet Lab<br>___ Additional Clerical works                                                                                                                                                                                                                                                                                                                                                | ___ Bullying among pupils<br>___ Pupils' behavior/attitude<br>___ Colorful IMs<br>___ Unavailable Technology Equipment (AVR/LCD)<br>___ Science/ Computer/ Internet Lab<br>___ Additional Clerical works                                                                                                                                                                                                                                                                                                                                                |

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| G. What innovation or localized materials did I use/discover which I wish to share with other teachers? | <i>Planned Innovations:</i><br>__ Localized Videos<br>__ Making use big books from views of the locality<br>__ Recycling of plastics to be used as Instructional Materials<br>__ local poetical composition | <i>Planned Innovations:</i><br>__ Localized Videos<br>__ Making use big books from views of the locality<br>__ Recycling of plastics to be used as Instructional Materials<br>__ local poetical composition | <i>Planned Innovations:</i><br>__ Localized Videos<br>__ Making use big books from views of the locality<br>__ Recycling of plastics to be used as Instructional Materials<br>__ local poetical composition | <i>Planned Innovations:</i><br>__ Localized Videos<br>__ Making use big books from views of the locality<br>__ Recycling of plastics to be used as Instructional Materials<br>__ local poetical composition | <i>Planned Innovations:</i><br>__ Localized Videos<br>__ Making use big books from views of the locality<br>__ Recycling of plastics to be used as Instructional Materials<br>__ local poetical composition |