# DAILY LESSON PLAN

## Math GRADE:4

## (NO.5/11)

**DAILY LESSON PLAN**

**Unit.1**: Whole numbers and Operations **Date**:_____

**Topic**: Multiplication

**Key Learning Area**: Multiplication rules, Multiplication up to 4 digits **Year Level**: 4

Place value importance in Multiplication , Tables up to 10

**Outcomes**: Multiplication up to 4 digit numbers.

**Lesson Structure:**

| Time | Introduction (Set): | Teaching Approaches |
|---|---|---|
| 10 min. | Define Multiplication.<br><br>Why we multiply rather than just adding.<br><br>Narrate the importance of place value while Multiplying. | Diagnostic Approach,<br><br>Ask dodging tables from students. |



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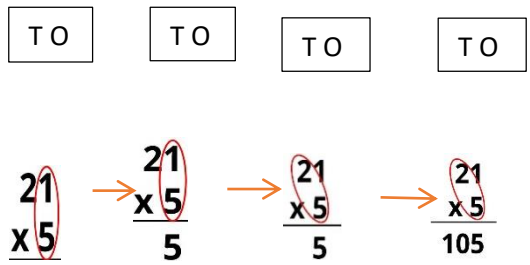
|---|---|---|
| | Narrate from which side we start Multiplication (right to left)<br><br>Demonstrate the rules of multiplication up to 2 digit numbers by 1-digit number.<br><br>Show step by step approach as:<br><br>  <br> | Reading concepts from book.<br><br>Use different color markers, color printed chart or sticky notes to define Ones and Tens.<br><br>Choose any two numbers to differentiate that why instead of counting or writing down we can simply recall table.<br><br>i.e.; 2+2+2+2+2+2+2= 14<br><br>2×7=17<br><br>Gives real life examples regarding Multiplication rules |

**LESSON STRUCTURE:**

| Time | Main Content: | Teaching Approaches |
|---|---|---|
| 25 min. | Develop understanding on how to Multiply up to 3 digit numbers by 2 digit numbers<br><br>Develop understanding on how to Multiply up to 4 digit numbers by 2 digit numbers<br><br>Narrate Multiplication rules: Any number times zero is always zero. ... **0×6=0** | Interactive approach<br><br>Help students to know the importance of place value in Multiplication of Ones, Ten, Hundreds and Thousands. Put Arrows while jumping from left to right over each number. |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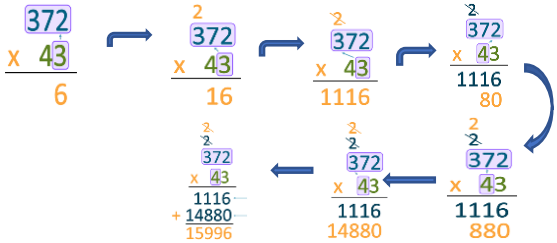
|---|---|---|
| | Any number times one is always the same number... 1**×4=4**<br>Add a zero onto the original number when multiplying by 10. ... **7×1=70, 14×10=140**<br>The order of factors does not affect the product. ... **2×3=3×2 =6**<br>Step wise solution of multiplications<br>  <br>Create real life situations involving numbers up to ten thousands.<br>Point out if the numbers are not aligned properly during practice. | Emphasize on basics of borrow and carry rule. Show them these rule on board and ask them to do it by own self.<br>Use different colored sticky notes and write down Ones Tens and Hundred on them. Placed them above the 3 or 4 digit numbers.<br>Now use different color markers to show which digit is multiplied with whom.<br>Also highlights the multiplying numbers with arrows or circle. |

| Time | Conclusion: | Teaching Approaches |
|---|---|---|
| 5 min. | Students will be able to:<br>Understand and apply the basic rules of Multiplication.<br>Demonstrate the ability to align multi-digit numbers regarding place values.<br>Perform Multiplication by the rules.<br>Apply Multiplication in real life situations. | View students as active participants in their own learning and not as mere recipients of knowledge.<br>Emphasized on learning tables<br>Practice<br>Cross questioning<br>Discuss conclusion of topic |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|---|---|---|
| | | Give enough practice as homework |

**Resources:**

Color markers, Multiplication strategies posters or charts, printed worksheets, white board and board markers, book, notebooks, sticky notes etc.

**Safety Consideration/ Materials**

None

**Assessment**

Encourage Students to come to board for solving sums.

Mind games regarding Multiplication problems, dodging tables

Cross questioning based on real life multiplications numbers

Assignment/homework

**Reflection**

Students have understood the following details:

Importance of tables

Rules of Multiplication

Multiplication strategies up to 3 and 4 digits by 2 digit numbers.


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Applying Multiplication rules and methods in real life situations.

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