

DAILY LESSON PLAN

Math GRADE:3

(NO.4/19)



Unit 2: Numbers Operations.

Date: _____

Topic: Subtraction (Day 1)

Year Level: 3

Key Learning Area: Subtraction of 3-digit numbers, Rules of subtraction.

Outcomes: Students will be able to apply the subtraction strategies to the 3-digit numbers.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
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<p>10 min.</p>	<p>Tell the students, “Today we are going to practice subtraction operation by the rules.”</p> <p>Remind students what subtraction is: “Taking away” or subtracting is an operation in which we subtract two or more numbers to find the difference. The minus sign “-“is used to denote a subtraction operation.</p> <p>Regrouping Rhyme with and without Borrowing:</p> <p>Paste or write down the regrouping rhyme on the board.</p> <p><i>More on the top?</i></p> <p><i>No need to stop.</i></p> <p><i>More on the floor?</i></p> <p><i>Go, next door,</i></p> <p><i>Get ten more.</i></p> <p><i>Numbers the same?</i></p> <p><i>Zero’s the game.</i></p>	<p>Example 1: Do an example as shown below to demonstrate what each stanza of the rhyme means. Look at the numbers in the one’s column and ask:</p> $\begin{array}{r} 67\mathbf{6} \\ - 14\mathbf{2} \\ \hline 534 \end{array}$ <p>More on top? No need to stop.</p> <p>Example B: Look at the numbers in the one's column and ask:</p> $\begin{array}{r} \textcircled{5} \\ 3\mathbf{6}4 \\ -13\mathbf{6} \\ \hline 128 \end{array}$ <p>More on the floor? Go, next door,</p> <p>Example C: Look at the numbers in the one's column and ask: Numbers the same? Zero's the game.</p> $\begin{array}{r} 64\mathbf{5} \\ -31\mathbf{5} \\ \hline 330 \end{array}$ <p>Numbers the same? Zero's the game.</p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
25 min.	<p>Use more numbers to reinforce the concept of borrowing under subtraction operations.</p> <p>Column Subtraction:</p> <p>Demonstrate the vertical subtraction to subtract the numbers without regrouping. It is the most common method used for subtracting numbers without borrowing.</p> <p>Subtraction Rules with Zero:</p> <p>Introduce the basic rules with zero while subtraction.</p> <p><i>Rule 1:</i></p> <p>Demonstrate that we need to borrow from Tens when there is zero at the top on the one's place.</p> <p><i>Rule 2:</i></p> <p>Show them that we always write the same number while subtracting when zero is in the bottom place.</p> <p>So, if you subtract 0 from any number, you get the same digit.</p>	<p>Place Value Chart for addition:</p> <p>Write down the larger number on the top and the smaller number directly below it.</p> <p>Work from right to left, subtracting each digit individually.</p> <p>Or draw a place value chart up to thousands place on the board or paste the sticky notes with the place values written on them.</p> <p>Write down the 3 or 4-digit numbers in it and then add them.</p>

Time	Conclusion:	Teaching Approaches
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5 min.	Student will be able to: Take borrow while subtraction. Subtraction of 3-digit numbers from 3-digit numbers with and without borrowing. Understand the rule with zero while subtracting.	Review the lesson with students. Ask students, “what did we learn about Subtraction today”? Ask for questions.
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Resources:

Writing board, chalk/marker, color pencils, sticky notes, Printed subtraction with and without borrowing related word problems, Incredible Mathematics Grade 3 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Related worksheets

Board test

Mind-teasers.

Quiz etc.

Reflection

Students have understood the following:

How to take borrow while subtraction.

How to subtract 3-digit numbers from 3-digit numbers with and without borrowing.

Rule with zero while subtracting.

