

DAILY LESSON PLAN

Math GRADE:2

(NO.6/19)

INTERNATIONAL DAILY LESSON PLAN

Unit 2: Numbers Operations.

Date: _____

Topic: Subtraction of 2-Digit Numbers from 2-Digit Numbers with Borrowing. **Year Level: 2**

Key Learning Area: Subtraction of 2-digit from 2-digit numbers, borrowing concept.

Outcomes: Students will be able to learn how to regrouping two-digit numbers
by borrowing from the tens place.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
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<p>10 min.</p>	<p>Recall your previous lecture with your students.</p> <p>Do some board practices with 1-digit subtraction from 2-digit numbers with borrowing.</p> <p>Closely observe your students while they practice the sums.</p> <p>Once you get satisfied with their performance introduce the subtraction of 2-digit numbers from 2-digit numbers with borrowing.</p> <p>Regrouping Rhyme:</p> <p>Have the regrouping rhyme written 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>Fun Borrowing Activity:</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> $\begin{array}{r} 36 \\ - 22 \\ \hline 14 \end{array}$ <p>More on top? No need to stop.</p> <p>Example B: Look at the numbers in the one's column and ask:</p> $\begin{array}{r} 34 \\ -16 \\ \hline 28 \end{array}$ <p><i>More on the floor?</i> <i>Go, next door,</i></p> <p>Example C: Look at the numbers in the one's column and ask: Numbers the same? Zero's the game.</p> $\begin{array}{r} 35 \\ -15 \\ \hline 20 \end{array}$ <p><i>Numbers the same?</i> <i>Zero's the game.</i></p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches														
25 min.	<p>To introduce the concept of borrowing, use tens blocks and ones.</p> <p>Ask the students, we cannot subtract 5 ones from 2 ones, what do we do? Open up a bundle of ten and add to the ones. It's important that students visually observe the process and practice it.</p> <p>Use more numbers to reinforce the concept of borrowing under subtraction operations.</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>Introducing Borrowing Activity:</p> <p>Use bundles of tens and ones and demonstrate. Ask what will we do if we get more than ten ones? Show them through the number blocks how to regroup and carry forward. Make the students practice more in groups.</p> <p>Zero Rules while Subtraction:</p> <p>Use the place value chart While illustrating the subtraction rules with zero.</p> <p><i>Rule 1:</i></p> <table border="1" data-bbox="1138 1388 1317 1623"> <thead> <tr> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0</td> </tr> <tr> <td>-3</td> <td>8</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table> <table border="1" data-bbox="1138 1696 1317 1871"> <thead> <tr> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td>④</td> <td>⑩</td> </tr> <tr> <td>5</td> <td>0</td> </tr> </tbody> </table>	Tens	Ones	5	0	-3	8			Tens	Ones	④	⑩	5	0
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<p>Once the students get the idea of subtraction. Introduce the word problems. Start with the simple word problems. Demonstrate to your students how to extract data from a given word problem.</p> <p>You can use mental strategies while subtracting the given sums. Revise the concept with 2-digit numbers subtraction.</p> <p>Let them have a lot of practice especially from <i>the incredible Mathematics book grade 2</i>, pages number 67-70.</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">-3</td> <td style="text-align: center;">8</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </table> <p><i>Rule 2:</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Tens</th> <th style="text-align: center;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">8</td> </tr> <tr> <td style="text-align: center;">-2</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">8</td> </tr> </tbody> </table>	-3	8	1	2	Tens	Ones	5	8	-2	0	3	8
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Time	Conclusion:	Teaching Approaches
5 min.	Students will be able to: Take borrow while subtraction. Subtraction of 2-digit numbers from 2-digit numbers. Rule with zero while subtraction.	Review the lesson with students. Ask students, "what did we learn about Subtraction today"? Ask for questions.

	Extract and write the data from a given word problem Solve the word problems regarding subtraction	
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Resources:

Blocks of tens and ones or Unifix cubes, hand written or printed subtraction rhyme chart, Place value chart/ sticky notes, writing board, chalk/marker, color pencils, worksheets for Subtraction, Incredible Mathematics Grade 1 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Printed worksheets.

Brainteaser.

Home assignments.

Quiz etc.

Reflection

Students have understood the following:

The concept of borrowing.

Borrowing concept while subtraction.

Subtraction of 2-digit numbers from 2-digit numbers.

Rule with zero while subtracting.

Extract and write the data from a given word problem.

Solve the word problems regarding subtraction.

