

DAILY LESSON PLAN

Math GRADE:2

(NO.4/19)



Unit 2: Numbers Operations.

Date: _____

Topic: Addition of 3-Digit Numbers and 1-Digit Number with Carrying

Addition of 3-Digit Numbers and 2-Digit Numbers with Carrying

Year Level: 2

Addition of 3-Digit Numbers and 3-Digit Numbers with Carrying

Key Learning Area: Addition of 2-digit numbers to 1 and 2-Digit numbers.

Outcomes: Concept of 2-digit numbers addition with carrying, Addition by using Mental Strategies.

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 3-digit addition operation without carrying.</p> <p>Closely observe your students while they practice the sums.</p> <p>Once you get satisfied with their performance introduce the concept of carrying the numbers.</p> <p>3-Digit Numbers Addition with Carrying:</p> <p>Draw a place value chart on the board or paste a printed one in front of your class. Write a 3 digit number on it. Recall the regrouping addition method technique and demonstrate the solution on the board.</p> <p>Enforce the concept that we first need to add from ones and then tens and lastly hundreds.</p>	<p>Introduction of Carrying:</p> <p>To introduce carrying, use bundles of hundred, 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>Addition of 3-Digit to 1-Digit Number:</p> <p>Write down the sum in the vertical column or in a place value chart. Now demonstrate that we first need to start from the right side. Add ones into ones and write down the rest as it is.</p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
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25 min.

The addition of 3-Digit Numbers into 2-Digit Numbers:

Demonstrate the addition of 3-digit numbers into 2-digit numbers on the board. Tell your students that if the ones give the sums of greater than 9 it will add into tens.

Use the place value chart to solve the sums. Ask your students to solve the related sum on their notebooks.

The addition of 3-Digit Numbers into 3-Digit Numbers:

Introduce the concept of 3-digit numbers into 3-digit numbers. Demonstrate the same regrouping method technique. Or even you can introduce the addition by telly mark technique.

Enforced the concept that while adding, if the ones get greater than 9, we have a tens which is shifted over to the tens place and in the same way when the tens become greater than 99, we have a hundred and we shift the 10 tens to the hundreds place.

Give students a lot of practice from Incredible Mathematics grade 2 book, pages number 59-62.

Step-by-Step 3-Digit Additon into 2-Digit Numbers:

Demonstrate the addition by regrouping method.

Hundreds	Tens	Ones
9	6	4
+	2	8

Step 1:

First add the ones.

Step 2:

Add the tens.

Step 3:

Add the hundreds. If there is nothing to add in hundreds then write the hundreds as it is.

Step-by-Step 3-Digit Additon into 3-Digit Numbers:

Use the same regrouping method for addition or introduce the addition by

		<p>telly marks addition technique.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $\begin{array}{r} & 1 & \\ 5 & 4 & 8 \\ + & 3 & 6 & 5 \\ \hline & & 3 & \end{array}$ <p>Step 1: Add ones.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $\begin{array}{r} & 1 & 1 & \\ 5 & 4 & 8 \\ + & 3 & 6 & 5 \\ \hline & 1 & 3 & \end{array}$ <p>Step 2: Add tens.</p> </div> <div style="border: 1px solid black; padding: 5px;"> $\begin{array}{r} & & 1 & \\ 5 & 4 & 8 \\ + & 3 & 6 & 5 \\ \hline 9 & 1 & 3 & \end{array}$ <p>Step 3: Add hundreds.</p> <p>FINAL ANSWER</p> </div>
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Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Understand while adding, if the ones get greater than 9, we have a tens which is shifted over to the tens place, and in the same way when the tens become greater than 99, we have a hundred and we shift the 10 tens to the hundreds place.</p>	<p>Review the lesson with students. Ask students, "what did we learn about Addition operations today"?</p> <p>Give enough practice as homework</p> <p>Ask for questions.</p>

Resources:

Writing board, chalk/marker, color pencils, worksheets for Addition, Incredible Mathematics Grade 1 book, notebooks etc.

Safety Consideration/ Materials

None

Worksheets of Addition operations.

Home assignments.

Board test

Mind teasers.

Quiz etc.

Reflection

Students have understood the following:

Understand while adding, if the ones get greater than 9, we have a tens which is shifted over to the tens place, and in the same way when the tens become greater than 99, we have a hundred and we shift the 10 tens to the hundreds place.

