

DAILY LESSON PLAN

Math GRADE:2

(NO.2/19)



DAILY LESSON PLAN

Unit 2: Numbers Operations.

Date: _____

Topic: Addition of 2-Digit Numbers and 1-Digit Numbers with Carrying **Year Level:** 2

Addition of 2-Digit Numbers and 2-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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10 min.

Recall your previous lecture with your students.

Do some board practices with 2-digit addition operation without carrying.

Closely observe your students while they practice the sums.

Once you get satisfied with their performance introduce the concept of carrying the number.

Introduction of Carrying:

To introduce carrying, 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.

Method 1:

Addition by Regrouping:

Demonstrate students step-by-step addition process by regrouping method.

Addition by Regrouping:

Firstly write down the sum into vertical column position.

$$\begin{array}{r} 4 \ 5 \\ + 3 \ 7 \\ \hline \end{array}$$

Add the one place digits. Add (5+7=12). Place 2 in the ones column and place 12 above the tens column as show.

Regroup 12 ones
 12 ones = 10 ones + 2 ones
 = 1 ten + 2 ones.

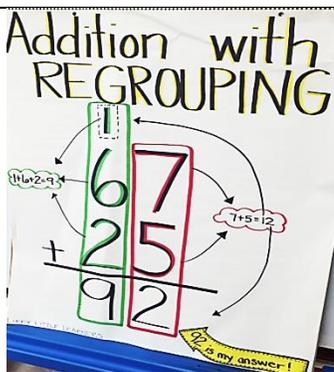
Tens	Ones
①	
4	5
+ 3	7
	2

Place 2 in the ones answer column and place 1 in the tens carry-up column.

Add the tens place:
 4 tens + 3 tens + 1 tens = 8 tens

Place 8 in the tens answer column.

So, adding **45 + 37 = 82.**



LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
25 min.	<p>Practice regrouping method of addition with your students. Give them the practice of pages number 53 and 54 with the regrouping method technique.</p> <p>Addition by Mental Strategies:</p> <p>Once the students get the concept of addition by regrouping. Demonstrate the addition by using mental strategies. Two steps involve in this process briefly describe the process step by step.</p>	<p>Mental Strategies:</p> <p>The basic idea is to add in parts, such as tens and ones separately, or add in parts in some other way.</p> $45 + 27$ $40 + 20 + 5 + 7$ $60 + 12 = 72$ <p>Addition by Telly Mark:</p>

$$24 + 15 = ?$$

<div style="text-align: center; margin-bottom: 20px;"> <div style="display: flex; justify-content: space-around; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 10px;">20</div> <div style="border: 1px solid black; padding: 2px 10px;">4</div> <div style="border: 1px solid black; padding: 2px 10px;">10</div> <div style="border: 1px solid black; padding: 2px 10px;">5</div> </div> <p style="margin-top: 20px;">Step 1: add the tens: $20 + 10 = 30$ } $\rightarrow 39$</p> <p>Step 2: add the ones. $4 + 5 = 9$</p> </div>	<p>You can use telly marks for addition or can give some worksheets or charts to perform addition efficiently.</p> <div style="text-align: center; margin-top: 20px;">  </div>
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Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Addition of 2-digit numbers and 1-digit numbers with carrying.</p> <p>Addition of 2-digit numbers and 2-digit numbers with carrying.</p> <p>Used different strategies for addition mainly: regrouping method and mental strategies of addition.</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:

Printed worksheets for addition, Charts for displaying addition strategies, Board, Board markers, Color markers, Incredible Mathematics Grade 1 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Addition worksheets for homework.

Board test

Mindteasers.

Quiz etc.

Reflection

Students have understood the following:

Used different strategies for addition mainly: regrouping method and mental strategies of addition.

Addition of 2-Digit Numbers and 1-Digit Numbers with Carrying.

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