

DAILY LESSON PLAN

Math GRADE:4

(NO.5/13)

INTERNATIONAL DAILY LESSON PLAN



Unit 3: Fractions.

Date: _____

Topic: Converting Improper fractions into Mixed Numbers.

Year Level: 4

Key Learning Area: Conversion of fractions, mixed numbers,

Real life examples of mixed numbers, Improper fractions.

Outcomes: Students will know about the mixed numbers.

Students will able to convert improper fraction into mixed numbers.

Students will know how to apply the mixed numbers and improper fractions
in real-life situations.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
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<p>10 min.</p>	<p>Prepare for the topic by recalling the previous knowledge about mixed numbers. Ask them to define and give examples of mixed numbers. Share the answer and preview vocabulary.</p> <p>Once the students respond to the warm up activity, tell them today we are going to learn more about the conversion of improper fractions into Mixed fractions/numbers.</p> <p>Teacher will write down an improper fraction on the board and inquire as what is the type of this fraction? Is it improper or proper?</p> <p>Demonstrate on the board how to convert improper fractions into mixed number.</p>	<p>Warm-up Activity:</p> <p>Teacher will draw 2 columns on the board, call out students one by one and ask to separate the improper fraction from the given fractions on their notebook.</p> <p>Conversion of Improper Fractions into Mixed Numbers:</p> <p>Demonstrate the process on the board as:</p> <div style="text-align: center;"> <p>Converting Improper Fractions to Mixed Numbers</p> $\frac{7}{3} = 2\frac{1}{3}$ <p>Step 1: Set-up a division problem and divide 7 by 3</p> $\begin{array}{r} 2 \\ 3 \overline{) 7} \\ \underline{-6} \\ 1 \end{array}$ <p>Step 2: the result is 2 with a remainder of 1 which we write as $2\frac{1}{3}$</p> </div>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
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<p>25 min.</p>	<p>Teacher will elaborate the steps of changing an improper fraction into mixed number as:</p> <p>Example 1: Change 5/3 to a mixed number.</p> <p>Step 1 - Divide the denominator into the numerator.</p> <p>Step 2 - The quotient will be the integer part of the mixed number.</p> <p>Step 3 - The remainder is the new numerator.</p> <p><i>What happens if you don't have a remainder?</i></p> <p>Step 4 - The denominator stays the same.</p> <p><i>How can you check your work?</i></p> <div data-bbox="553 953 781 1108" style="text-align: center;"> <p>$1 \frac{2}{3} = \frac{5}{3}$</p> </div> <p>Once the students understand the conversion, ask them to open the <i>incredible Mathematics of grade 4 book</i>. Ask them to read and extract the data from the given statement.</p> <p>Closely observe their performance assist them where they need help. Ask them to verify their answer by using shapes and coloring the fractions.</p>	<p>Practice Worksheet of Real Life Examples of Mixed Numbers:</p> <p>Students will complete the given worksheet, changing the improper fractions to mixed numbers and vice versa.</p> <p>Teacher will encourage students to compare answers and check one another's work. As students work, teacher will circulate throughout the room, observing students' work.</p> <p>After about 10 minutes, the whole class will review the answers together. The teacher will select students to share their answers and explain their steps.</p>
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Time	Conclusion:	Teaching Approaches
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5 min.	Students will be able to: <ul style="list-style-type: none">• Know about the mixed numbers.• Convert improper fraction into mixed numbers.• Apply the mixed numbers and improper fractions in real-life situations.	Review the lesson with students. Ask students, "what did we learn about conversion of fractions today"? Ask for questions.
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Resources:

Board, board marker, real life-related worksheets, Conversion of fraction worksheets, Incredible Mathematics Grade 4 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Related worksheets

Board test

Mind-teasers.

Quiz etc.

Reflection

The students have understood:

- That what are the mixed numbers.
- How to convert improper fraction into mixed numbers.
- How to apply the mixed numbers and improper fractions in real-life situations.