

DAILY LESSON PLAN

Math GRADE:4

(NO.6/13)

INTERNATIONAL **DAILY LESSON PLAN** [®]
MOONLIGHT
PUBLISHERS

Unit 3: Fractions.

Date: _____

Topic: Converting Mixed Numbers into Improper Fraction.

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 mixed numbers into improper fractions.

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

Lesson Structure:

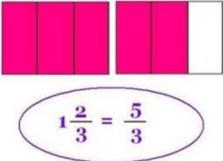
Time	Introduction (Set):	Teaching Approaches
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<p>10 min.</p>	<p>Prepare for the topic by recalling the previous knowledge about mixed numbers. Ask them to define and give examples of mixed numbers. Share the answer and preview vocabulary.</p> <p>Once 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 with pictorial representation on the board. Students will get visual conversion of fraction more effectively than numerical fraction.</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 Mixed Numbers into Improper Fractions:</p> <p>Demonstrate the process on the board as:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center; font-size: small;">Mixed Number to Improper Fraction</p> $\begin{array}{l} \text{+} \\ \text{r} \\ \text{2} \end{array} \frac{3}{4} = \frac{(4 \times 2) + 3}{4} = \frac{8 + 3}{4} = \frac{11}{4}$ <p style="text-align: center; font-size: x-small;">Mixed Number Improper Fraction</p> </div> <p>Demonstrate the process on the board as:</p>
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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 2: Change $1\frac{2}{3}$ to an improper fraction.</p> <p>Step 1 - Multiply the denominator and the integer.</p> <p><i>For this example, what numbers should I multiply?</i></p> <p>Step 2 - Add the numerator to the product of step 1.</p> <p><i>How can you show your work?</i></p> <p>Step 3 - The denominator stays the same.</p> <div style="text-align: center;">  </div> <p>Once the students understand the conversion, ask them to open the <i>incredible Mathematics of grade 4 book, page number 76</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 mixed numbers into improper fractions 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
5 min.	Students will be able to: <ul style="list-style-type: none"> • Know about the mixed numbers. • Convert mixed numbers into improper fraction. 	Review the lesson with students. Ask students, "what did we learn about conversion of fractions today"?

	<ul style="list-style-type: none">Students will know how to apply the mixed numbers and improper fractions in real-life situations.	Give enough practice as homework 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.
- The conversion of mixed numbers into improper fraction.
- How to apply the mixed numbers and improper fractions in real-life situations.